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LES PÊCHES MARITIMES DU QUÉBEC

QUEBEC MARINE FISHERIES

Annual Statistical Review

1984-1987

Pêches
et Océans

Fisheries
and Oceans

Canada

QUEBEC MARINE FISHERIES

ANNUAL STATISTICAL REVIEW

1984 - 1987

AUGUST 1988

© Minister of Supply and Services Canada 1986
Catalogue number FS 1-39/1987-E
ISBN 0-662-16333-8

Published by: Department of Fisheries and Oceans
Statistics and Data Processing Division
901 Cap Diamant
P O Box 15,500
Quebec City, Quebec
G1K 7Y7

Cette publication est également disponible en français.

FOREWORD

It is now four years since the Department of Fisheries and Oceans, Quebec Region, began operating an information system for the Quebec marine fisheries.

We wish to mark this event by offering readers a series of tables compiling four years' data on landings attributable to commercial fishing in Quebec.

This 1984-1987 statistical review of the marine fisheries contributes to the achievement of one of the main objectives of Fisheries and Oceans: managing all of Canada's fisheries resources in such a way as to promote their best possible use by determining when, where, how and by whom these resources are harvested for optimum socio-economic benefit. In connection with this objective, the mandate of Statistics and Data Processing Division at the Quebec regional office includes compiling, processing, analysing and publishing data on the activities of the marine fishing industry in Quebec.

You will also note that we have included tables on marine product processing. This chapter covers the period from 1984 to 1987 and thus reestablishes a historical perspective for processing data.

In this report we introduce a new chapter with data on the Quebec fleet. This chapter contains information on the current value of vessels, average crew size, prevalent hull type and vessel age in the Quebec fleet.

New tables have been created and inserted in various chapters. Examples include a table showing the number of new fishermen in 1987 and another describing landings made inside and outside the Gulf of St Lawrence. Once again this year, statistics related to the work force and landings are presented on the basis of statistical districts. The historical link between federal and provincial data is thus maintained.

As a brief reminder, the federal statistical system for Quebec marine fisheries is designed to collect data on the landings of all vessels engaged in commercial fishing. The transactions used to constitute the statistical base are effected when fishermen sell their catches to commercial buyers. For fishing effort statistics, we rely on the excellent cooperation of fishing vessel skippers, who provide data on fishing areas, gear types used and species caught. These data are forwarded to department scientists, who use them to assess fish stocks. Fish processing data are gathered from plants operating in Quebec. Statistics on fishermen, the fishing fleet and licences are obtained through administrative activities such as licencing and vessel certification.

We would like to take this opportunity to thank fishermen, buyers and processors for continuing to cooperate even though they may sometimes find the statistical system to be constricting.

We hope this review will assist all contributors to the marine fishing industry, both public and private, in analysing and understanding this economic sector which, at the primary and secondary levels, generated a total of $383 million in 1987.

We welcome reader comments or suggestions for improving this annual review.

Normand Beaumier
Chief
Statistics and Data Processing Division

August 1988

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Methodology

The statistical system of the federal Department of Fisheries and Oceans, Quebec Region, is the source of the data in this publication. The system comprises three modules (catch, effort and quotas; men, boats and licencing; and processing plant production) and all were used in the production of this report.

The data on men, boats and licencing were taken from administrative documents relating to the issue of fishing licences. The number of fishermen represents the number of persons registered as commercial fishermen in 1986 and 1987. The number of vessels reflects the number of fishing vessels registered in 1986 and 1987. The number of fishing licences represents the number of fishing licences issued, although not necessarily used, in 1986 and 1987. In addition, this year, data on technical aspects of the fleet and its value have been included. These data were obtained directly from vessel owners. The value of the fleet as shown in this report is based on those attributed by fishermen-owners to their vessels. The latter values were checked by comparison with data on the insured value of vessels. Insured value takes into account the following points: vessel construction type, materials, safety equipment, machinery, projected use, projected area of use, crew competency, and any other factors that may influence the incurred risk.

Data on landings of fish and seafood are obtained from commercial buyers of marine products. Every buyer is required to send us a copy of the form provided by the Department in order to register his purchases of fish from fishermen. Each such transaction generally corresponds to one fishing trip. Moreover, fisheries officers are required to submit monthly estimates of catches not sold to commercial buyers. This approach allows us to account for sales made directly to the public, fish consumed by commercial fishermen and their families, fish used as bait, and fish processed directly by fishermen. Data collection, encoding, and capture are performed in the marine sectors at Gaspé, Sept Iles and Cap aux Meules. The concepts and definitions employed are consistent with the standards established by the Statistical Co-ordinating Committee for the Atlantic Coast (STACAC) and are therefore compatible with the systems of the other Atlantic Coast regions (Gulf, Scotia-Fundy and Newfoundland). For further information on these concepts and definitions, please consult the Committee's publications (see bibliography). A number of these documents are available at Statistics Division in the Quebec City regional office.

We should note that the STACAC has been discontinued with the creation of the Atlantic Coast Economic Programs Committee. From now on, a statistics subcommittee will continue the efforts undertaken previously.

Landings data for 1984 to 1987 are from the Department of Fisheries and Oceans system. References to 1983 and earlier years involve data from the Bureau de la Statistique du Québec (BSQ).

In the tables relating to landings, the figures have been rounded off and may not add up to the indicated totals.

It should also be noted that some data on landings of salmon, eels, smelts, tomcod, capelin and sturgeon have been provided by the Bureau de la Statistique du Québec.

The chapter devoted to production data outlines the methodology used in handling this information.

Maritime Quebec

Maritime Quebec begins at the eastern tip of Ile d'Orléans and is divided into four sectors. The St Lawrence sector extends from Anse à Gilles to Cap à l'Orignal (south shore) and from Cap Tourmente to Baie Sainte Catherine (north shore). The North Shore sector lies between Tadoussac and Blanc Sablon (including Anticosti Island). The Gaspé Peninsula sector begins at Bic and ends at Matapédia. Finally, the Magdalen Islands make up the jurisdication of the sector bearing the same name. For further details, see the map of "Maritime Quebec" on the page opposite.

On a different basis, maritime Quebec is divided into 28 statistical districts. These districts are delimited by geographic points and are used in most statistical systems. Because of this standardization, data gathered by the Department of Fisheries and Oceans in Quebec since 1984 can be compared with data published by the Bureau de la Statistique du Quebec for earlier years.

A complete list of the 28 statistical districts and their geographic boundaries can be found in Appendix 1.

FIGURE 1 - MARITIME QUEBEC

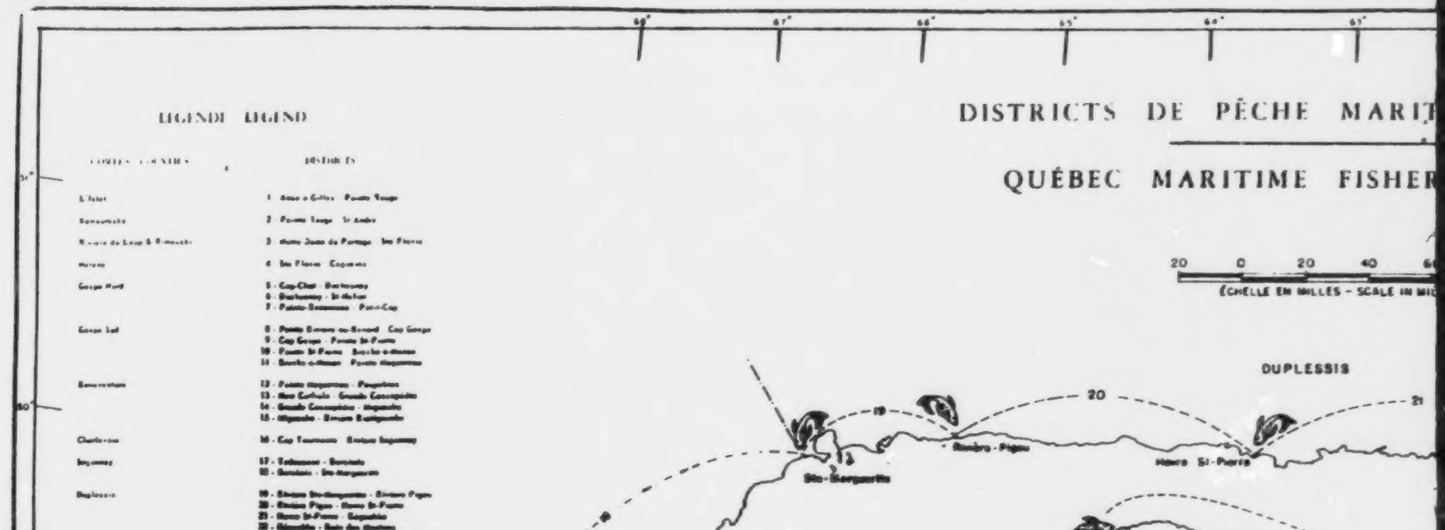
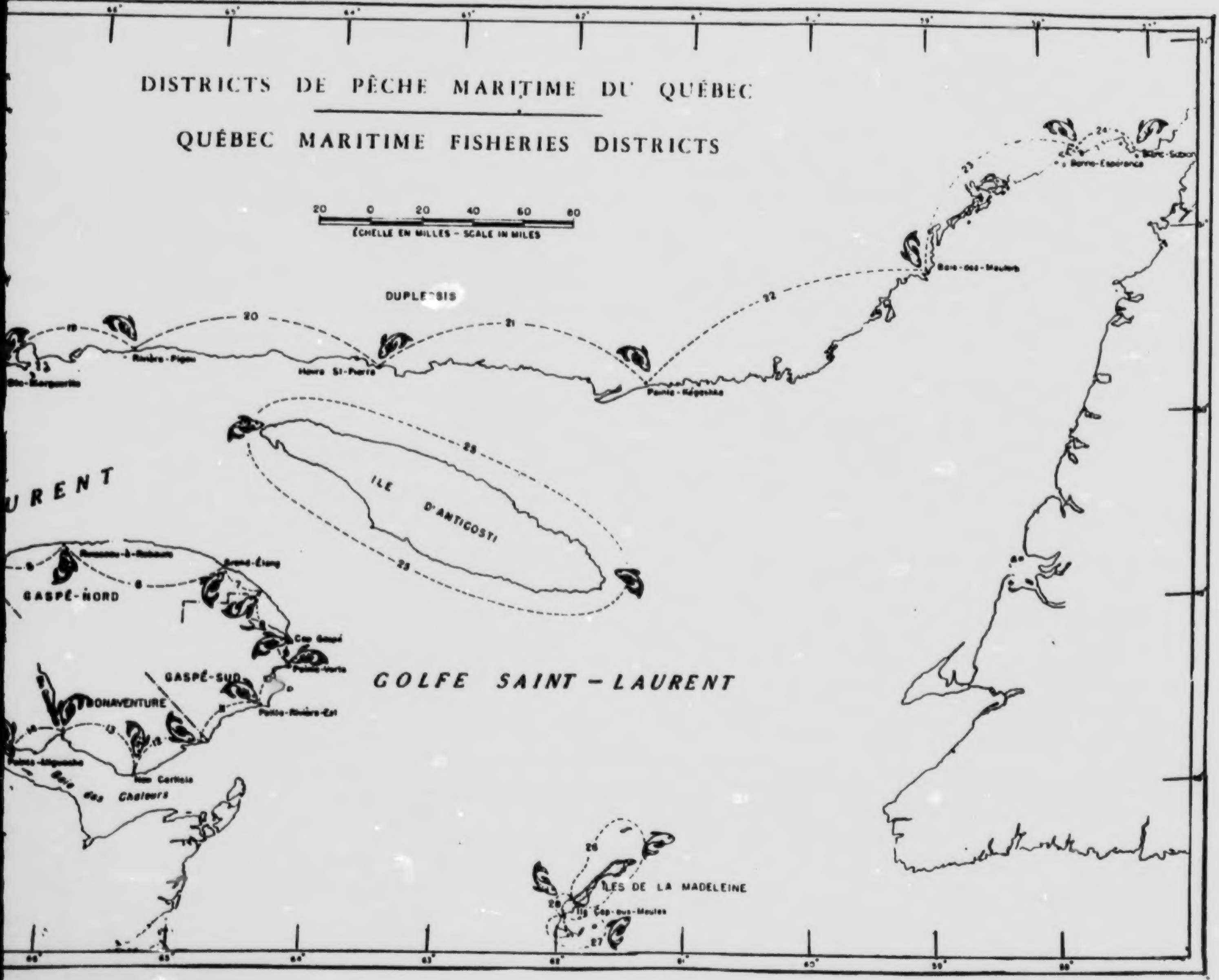

DISTRICTS DE PÊCHE MARIT
QUÉBEC MARITIME FISHER
LEGENDE LEGEND
20 0 20 40
ÉCHELLE EN MILLES - SCALE IN MI
DUPLESSIS
Havre St-Pierre
ILE D'ANTICOSTI
FLEUVE ST - LAURENT
GOLFE S
GASPÉ-NORD
MATANE
GASPÉ-SUD
Cap Gaspé
BONAVENTURE
Petite-Rivière-Est
New Carlisle
Baie des Chaleurs
RIMOUSKI
RIVIÈRE-DU-LOUP
KAMOURASKA
L'ISLET
MONTMORENCY
CHARLEVOIX
SAGUENAY

FIGURE 1 - MARITIME QUEBEC


DISTRICTS DE PÊCHE MARITIME DU QUÉBEC
QUÉBEC MARITIME FISHERIES DISTRICTS
20 0 20 40 60 80
ÉCHELLE EN MILLES - SCALE IN MILES
DUPLESSIS
19
20
21
22
23
24
25
26
27
28
Rivière-Pigou
Havre St-Pierre
Pointe-Kégashka
Baie-des-Moutons
Bonne-Espérance
Blanc-Sablon
ILE D'ANTICOSTI
URENT
GASPÉ-NORD
Grand-Étang
Cap Gaspé
GASPÉ-SUD
BONAVENTURE
Petite-Rivière-Est
Baie des Chaleurs
GOLFE SAINT-LAURENT
ÎLES DE LA MADELEINE
Cap-aux-Meules

Symbols

.	Less than half of the smallest unit used
-	Nil or zero
%	Proportion of one quantity to another expressed as a percentage
% Var	Percentage variation indicating the size of increases or decreases from one year to the next and calculated as follows:

$$\% \text{ Var} = \left[\frac{\text{figure from target year} - \text{figure from preceding year}}{\text{figure from preceding year}} \right] \text{X } 100$$

NB: All variations presented in this review refer to the years 1986 and 1987 only.

N/A	Information not significant
t	Metric ton
...	Not applicable because of different units

Definitions of terms used in this publication

Average price	The total value of all landings sold divided by the total weight as landed.

Buyer	Person or firm purchasing fish directly from fishermen.
Commercial fisherman	A person registered with the Department of Fisheries and Oceans who operates fishing gear authorized under a commercial fishing licence.
Commercial fishing licence	A document issued by the Department of Fisheries and Oceans that permits a person to operate a commercial fishing vessel to harvest the species noted thereon.
Conversion factor	A ratio used to convert the weight of one product or landed form to the equivalent weight of another.
Current fleet value	Value established by the vessel owner in response to the following question: What do you estimate is the value of your vessel, including auxiliary craft but excluding fishing gear?
Gear	Apparatus used to catch fish.
Landed value	The value, in dollars and cents, of the recorded landed quantity, as determined either by multiplying the landed quantity times the price per unit of measure or by using the value supplied by the buyer.

Landings	The quantities of fish, molluscs and crustaceans landed, not including discards, and expressed in live weight.
Live weight	The weight of fish in its live state, which may be estimated from the landed form, where appropriate, by means of a standard conversion factor.
Net change	Difference between the figure for the target year and that for the preceding year.
Production value	Value of product sales for the production year.
Quota	The enforced catch limit assigned to a specific fleet segment for a particular species and fishing area.
Value	Value statistics are expressed in current Canadian dollars.

WORK FORCE

Work force in Quebec

The fisheries work force in Quebec is defined essentially by the number of fishermen, vessels, buyers and processors operating in Quebec.

This chapter focusses on the characteristics of these components: their number, their distribution among the maritime sectors and other specific traits.

The year 1987 saw an increase in the number of fishermen and vessels, compared with 1986, and a slight decrease in the number of licences issued.

Commercial fishermen

In 1987 there were 6,815 commercial fishermen in Quebec, including 54% with part-time status and 46% with full-time status as defined by Fisheries and Oceans Canada. A full-time fisherman is a person who over two consecutive years has fished consistently during the minimum fishing period in his area, without other employment during the minimum fishing period except for self-employment on a limited basis in the primary industries.

The number of fishermen rose by 9% compared with the 1986 figure of 6,237.

The dominant age group was 25 to 34 years, which accounted for 1,969 fishermen, or 10% more than in 1986. Meanwhile, the 35 to 44 and 45 to 64 groups took in 1,590 and 1,550 fishermen respectively, or, in both cases, 23% of the total.

The sector-by-sector distribution of the number of fishermen indicated a majority of fishermen on the Gaspé Peninsula (3,141), over 2,300 on the North Shore, 1,266 in the Magdalen Islands and 87 in the St Lawrence sector.

Analysis of the tables showing the number of full-time and part-time fishermen indicates a nearly uniform distribution of both clearly defined types in the various age groups. The only exceptions are the under 25 age group, where we encounter a large number of part-time fishermen compared with those granted full-time status, and the over 65 group, where a much higher number of part-time fishermen are noted.

TABLE 1

NUMBER OF COMMERCIAL FISHERMEN IN 1986 AND 1987
BY SECTOR (according to port of landing) AND AGE GROUP

		AGE GROUP											
SECTOR	YEAR	Under 25	Net change	25 to 34	Net change	35 to 44	Net change	45 to 64	Net change	65 and over	Net change	TOTAL	Net change
ST-LAWRENCE	1986	7	-14	20	10	15	33	34	- 6	16	-56	92	- 5
	1987	6		22		20		32		7		87	
GASPE PENINSULA	1986	566	5	909	10	597	16	657	8	122	15	2,851	10
	1987	597		1,003		691		710		140		3,141	
NORTH SHORE	1986	528	7	548	7	499	10	470	14	89	- 8	2,134	9
	1987	567		586		550		535		82		2,320	
MAGDALEN ISLANDS	1986	259	11	320	12	293	12	267	2	21	-14	1,160	9
	1987	288		358		329		273		18		1,266	
OTHER	1986	-	-	-	-	-	-	-	-	-	-	-	-
	1987	1		-		-		-		-		1	
TOTAL	1986	1,360	7	1,797	10	1,404	13	1,428	9	248	.	6,237	9
	1987	1,459		1,969		1,590		1,550		247		6,815	

FIGURE 2

Distribution of fishermen
1986 and 1987, by age group

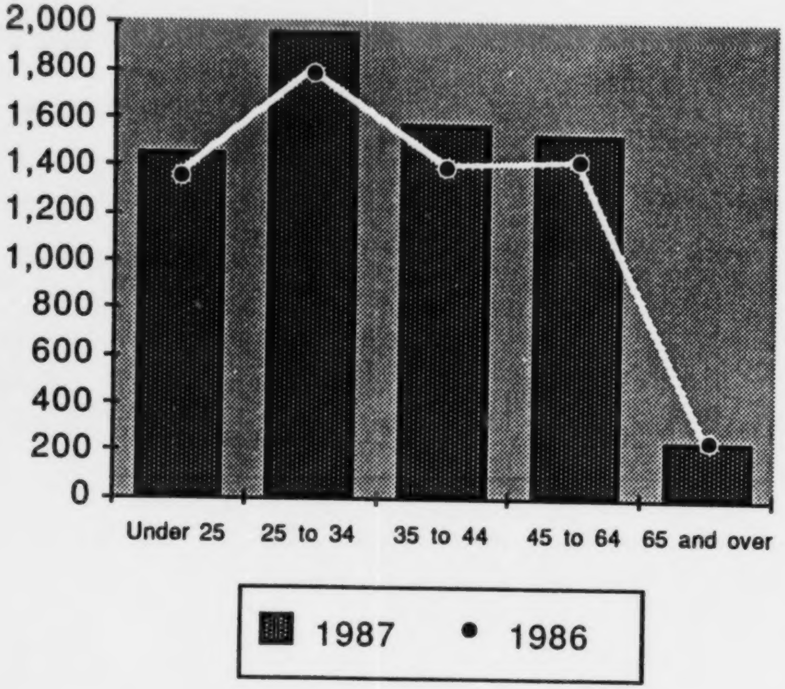


FIGURE 3

Distribution of fishermen
1986 and 1987, by sector

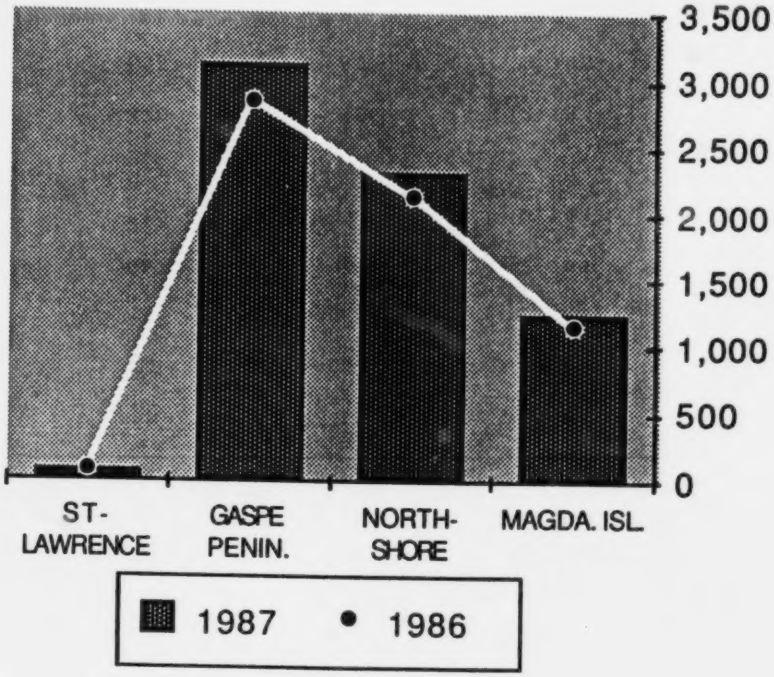


FIGURE 4

Distribution of fishermen
in 1986, by age group and sector

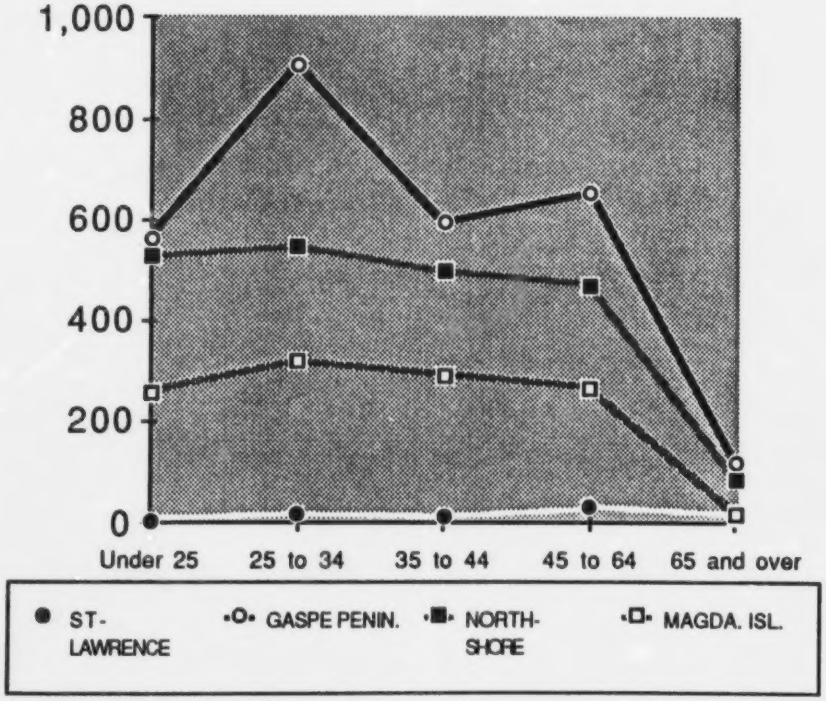


FIGURE 5

Distribution of fishermen
in 1987, by age group and sector

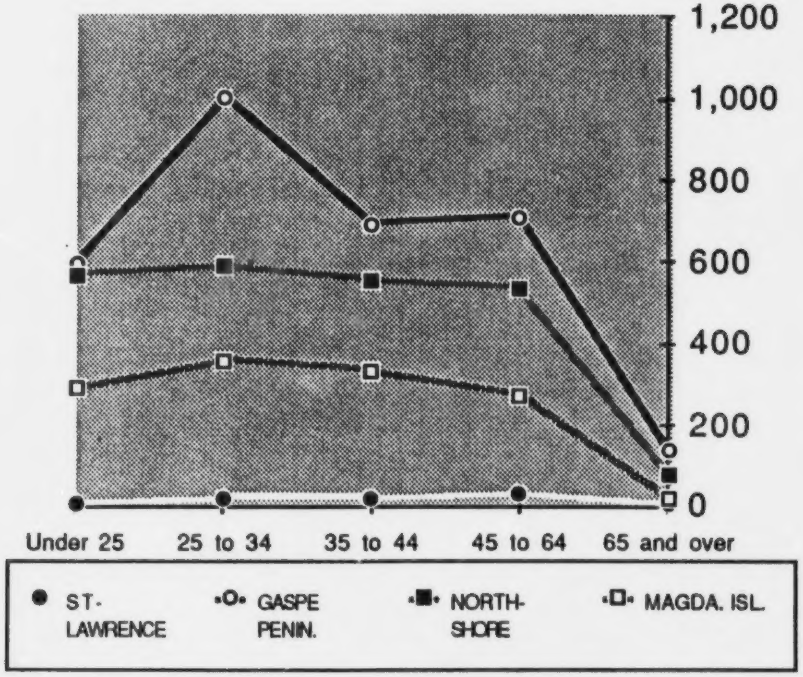


TABLE 1A

NUMBER OF FULL-TIME COMMERCIAL FISHERMEN IN 1986 AND 1987
BY SECTOR (according to port of landing) AND AGE GROUP

AGE GROUP

SECTOR	YEAR	Under 25	Net change	25 to 34	Net change	35 to 44	Net change	45 to 64	Net change	65 and over	Net change	TOTAL	Net change
ST-LAWRENCE	1986	3	-33	3	-67	1	200	5	20	2	-	14	-14
	1987	2		1		3		6		-		12	
GASPE PENINSULA	1986	258	-17	523	-2	354	-	387	-5	58	-7	1,580	-5
	1987	213		512		354		369		54		1,502	
NORTH SHORE	1986	193	-14	256	-10	225	-2	187	8	20	-40	881	-6
	1987	166		230		221		202		12		831	
MAGDALEN ISLANDS	1986	120	5	214	9	209	7	211	5	7	-	761	7
	1987	126		233		224		221		7		811	
OTHER	1986	-	-	-	-	-	-	-	-	-	-	-	-
	1987	-		-		-		-		-		-	
TOTAL	1986	574	-12	996	-2	789	2	790	1	87	-16	3,236	-2
	1987	507		976		802		798		73		3,156	

FIGURE 6

Distribution of full-time fishermen in 1986 and 1987, by age group

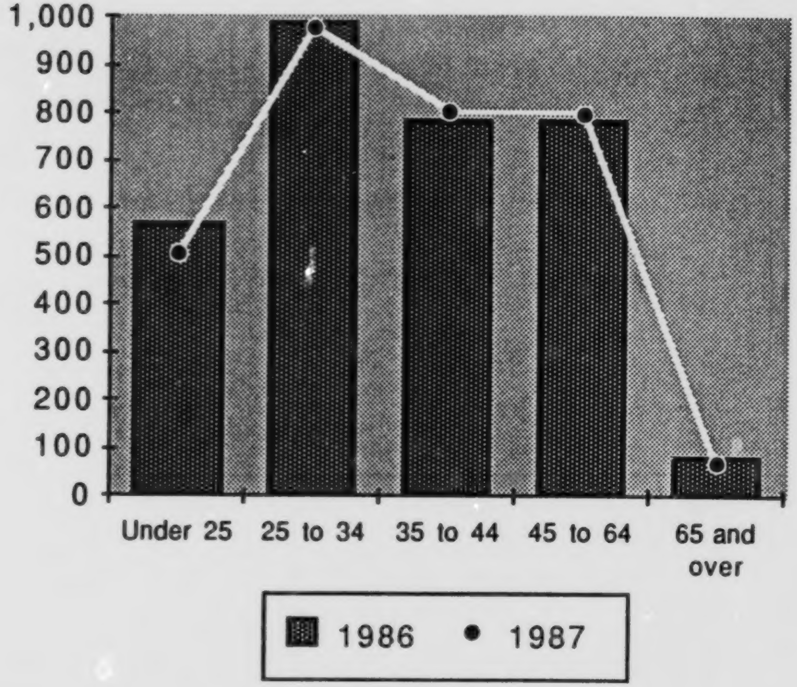


FIGURE 7

Distribution of full-time fishermen in 1986 and 1987, by sector

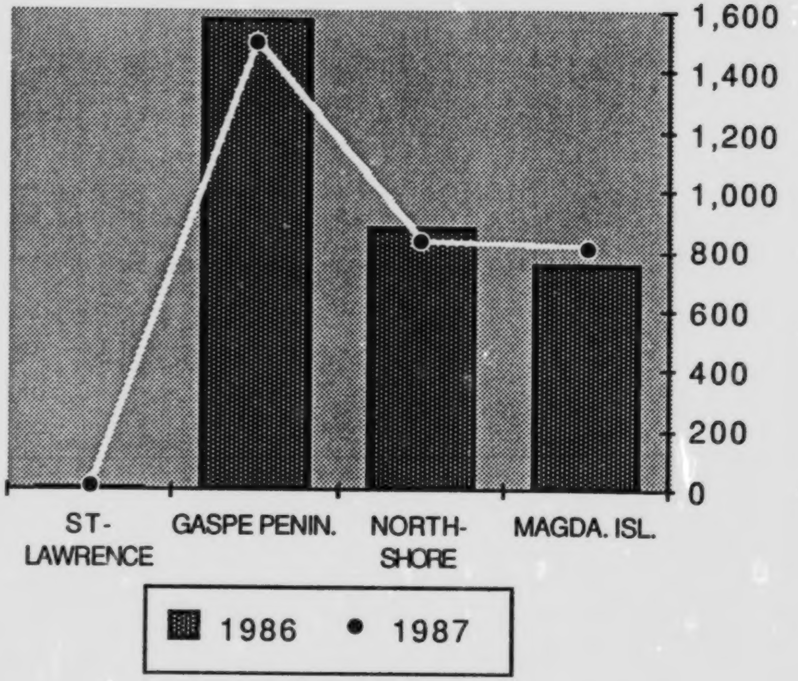


FIGURE 8

Distribution of full-time fishermen in 1986, by age group and sector

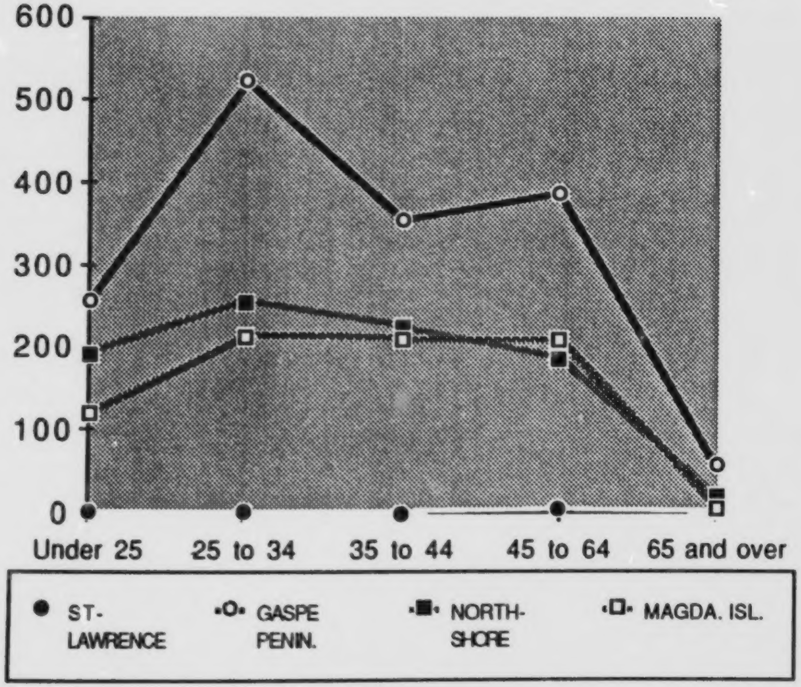


FIGURE 9

Distribution of full-time fishermen in 1987, by age group and sector

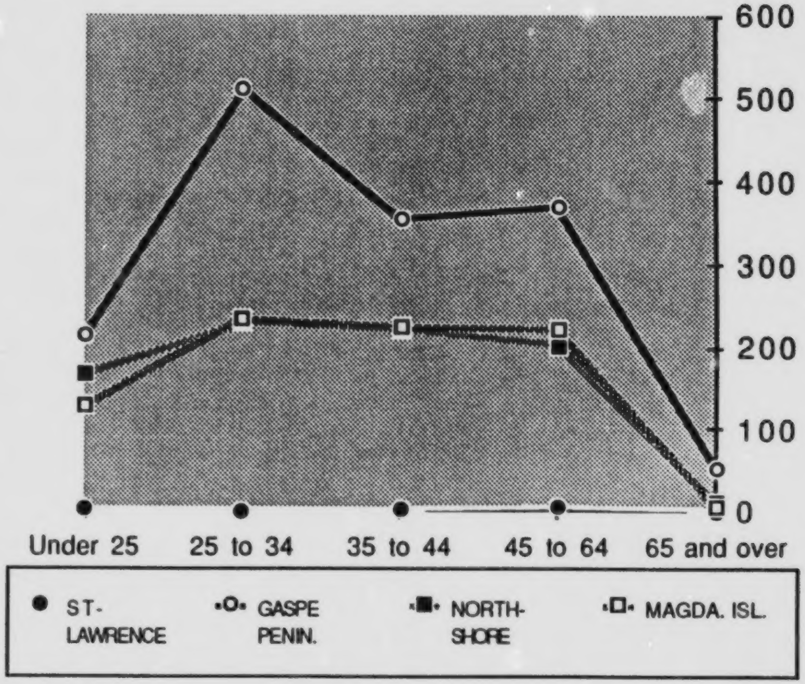


TABLE 1B

NUMBER OF PART-TIME COMMERCIAL FISHERMEN IN 1986 AND 1987 BY SECTOR (according to port of landing) AND AGE GROUP

SECTOR	YEAR	AGE GROUP Under 25	Net change	25 to 34	Net change	35 to 44	Net change	45 to 64	Net change	65 and over	Net change	TOTAL	Net change
ST-LAWRENCE	1986	4	-	17	24	14	21	29	-10	14	-50	78	-4
	1987	4		21		17		26		7		75	
GASPE PENINSULA	1986	308	25	386	27	243	39	270	26	64	34	1,271	29
	1987	384		491		337		341		86		1,639	
NORTH SHORE	1986	335	20	292	22	274	20	283	18	69	1	1,253	19
	1987	401		356		329		333		70		1,489	
MAGDALEN ISLANDS	1986	139	17	106	18	84	25	56	-7	14	-21	399	14
	1987	162		125		105		52		11		455	
OTHER	1986	-	-	-	-	-	-	-	-	-	-	-	-
	1987	1		-		-		-		-		1	
TOTAL	1986	786	21	801	24	615	28	638	18	161	8	3,001	22
	1987	952		993		788		752		174		3,659	

FIGURE 10

Distribution of part-time fishermen in 1986 and 1987, by age group

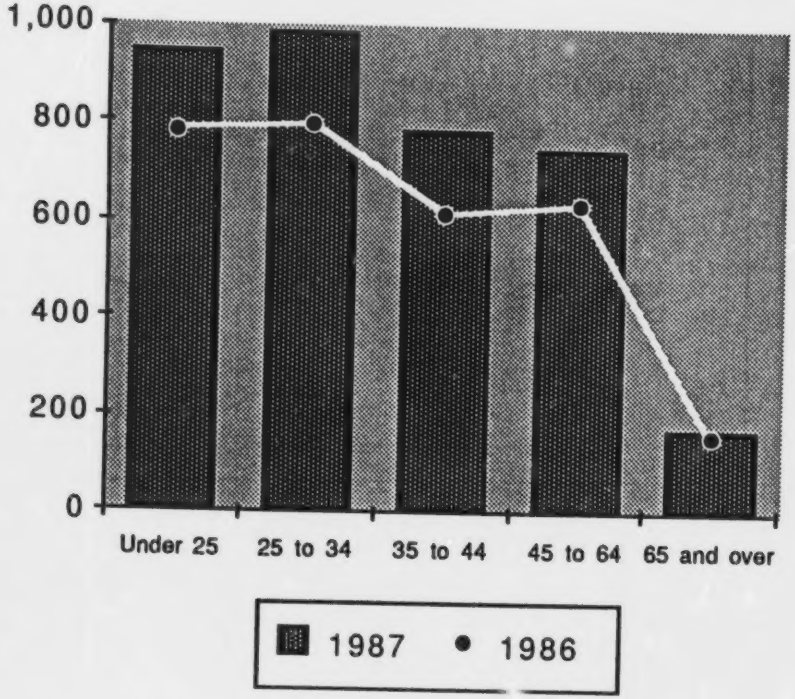


FIGURE 11

Distribution of part-time fishermen in 1986 and 1987, by sector

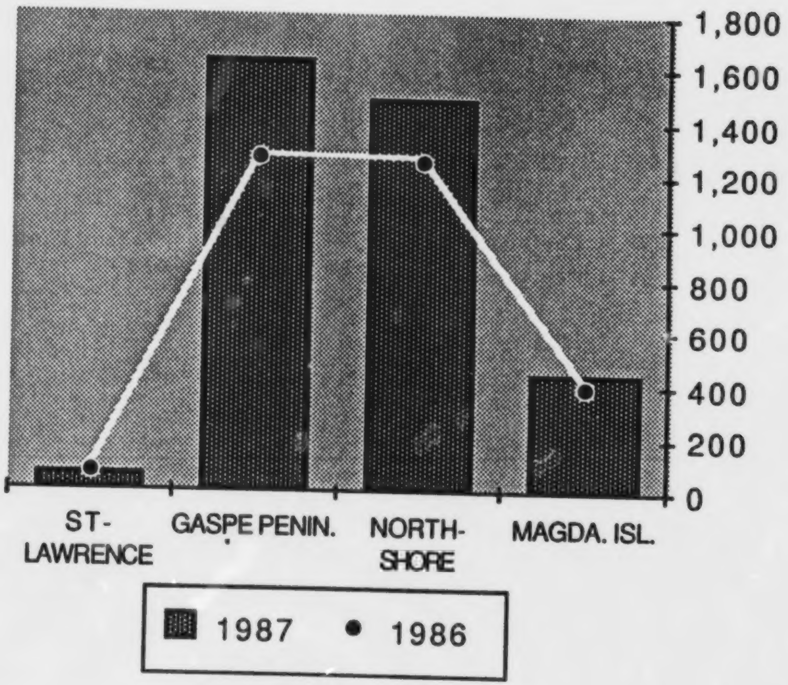


FIGURE 12

Distribution of part-time fishermen in 1986, by age group and sector

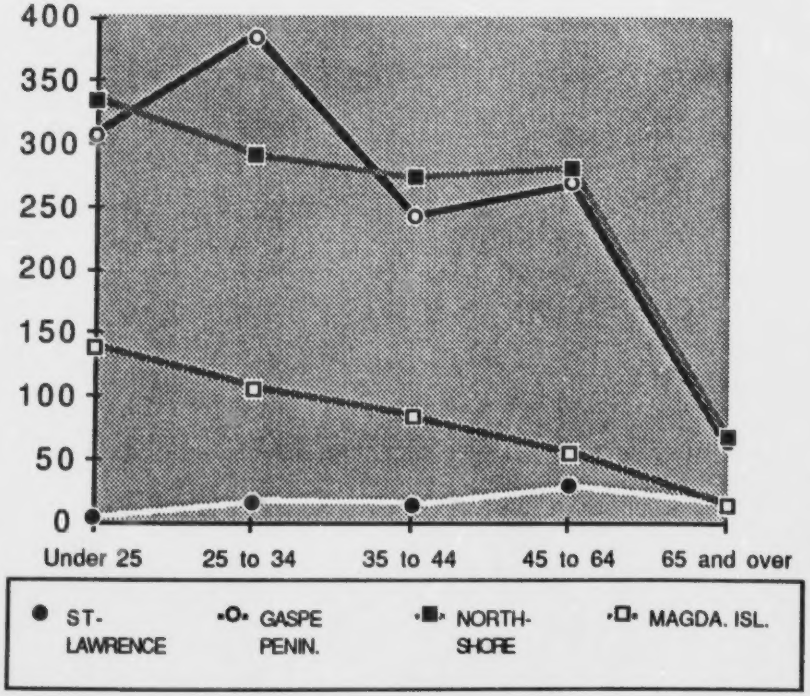
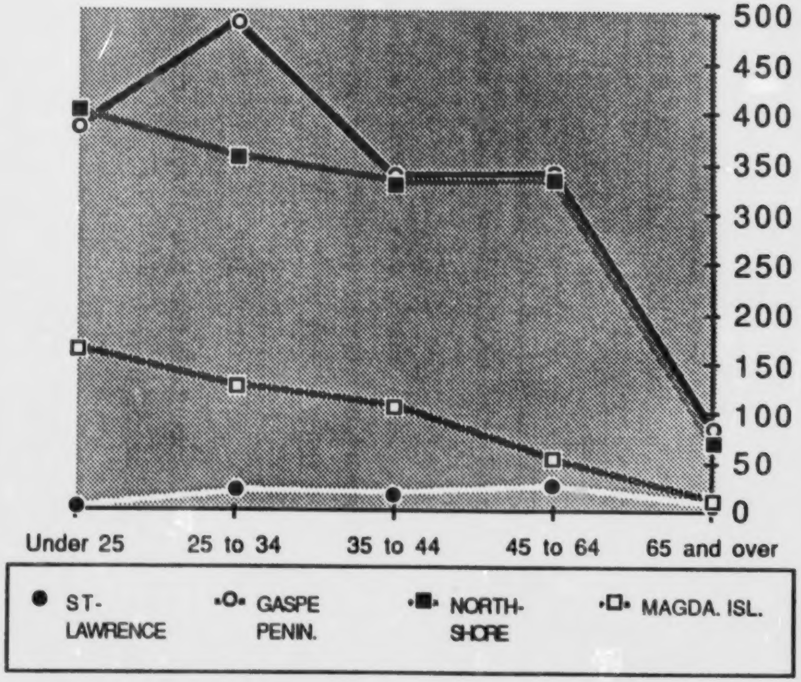


FIGURE 13

Distribution of part-time fishermen in 1987, by age group and sector



Fishermen

Distribution and new entrants

A new table showing the distribution of fishermen by maritime sector illustrates trends in the number of persons involved in the industry's primary sector.

With separate figures for vessel owners and helpers, the table indicates the number of new fishermen registered in 1987 either after a period away or for the first time. New entrants totalled 1,203 in 1987 and most, 86% or 1,029, were helpers.

The Gaspé Peninsula accounted for the largest number of new fishermen: 605 or 50% of the province-wide figure.

It is also interesting to note that the Gaspé Peninsula, with its 1,090 vessel owners, was followed very closely by the North Shore: the totals for the two sectors differed by only one owner. In the case of helpers, the situation was much different, with figures of 2,070 recorded for the Gaspé and 1,301 for the North Shore.

TABLE 1C

NUMBER OF NEW ENTRANTS IN 1987 COMPARED WITH NUMBER OF 1986 FISHERMEN STILL ACTIVE

(according to fishermen's registration district)

Sector	Fishermen	Change in number of fishermen				Distribution of fishermen	
		1986 fishermen active in 1987	New entrants in 1987	Variation in %	Total	In sector	% of total
Gaspe Peninsula	Owners	1,006	84	8.3	1,090	34.5	16.0
	Crew members	1,549	521	33.6	2,070	65.5	30.4
	Total	2,555	605	23.7	3,160	100.0	46.4
North Shore	Owners	1,023	66	6.5	1,089	45.6	16.0
	Crew members	949	352	37.1	1,301	54.4	19.1
	Total	1,972	418	21.2	2,390	100.0	35.1
Magdalen Islands	Owners	446	24	5.4	470	37.2	6.9
	Crew members	639	156	24.4	795	62.8	11.7
	Total	1,085	180	16.6	1,265	100.0	18.6
Total	Owners	2,475	174	7.0	2,649	38.9	38.9
	Crew members	3,137	1,029	32.8	4,166	61.1	61.1
	Total	5,612	1,203	21.4	6,815	100.0	100.0

In this table, the data for the St-Lawrence sector are provided under the Gaspe and North-Shore sectors.

FIGURE 14

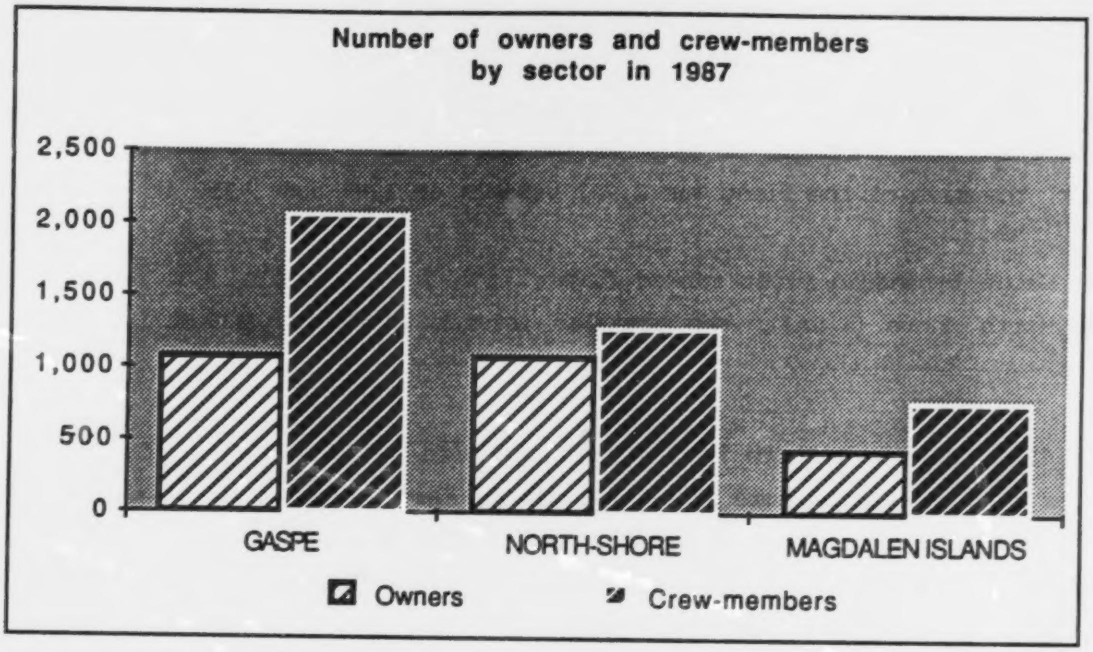
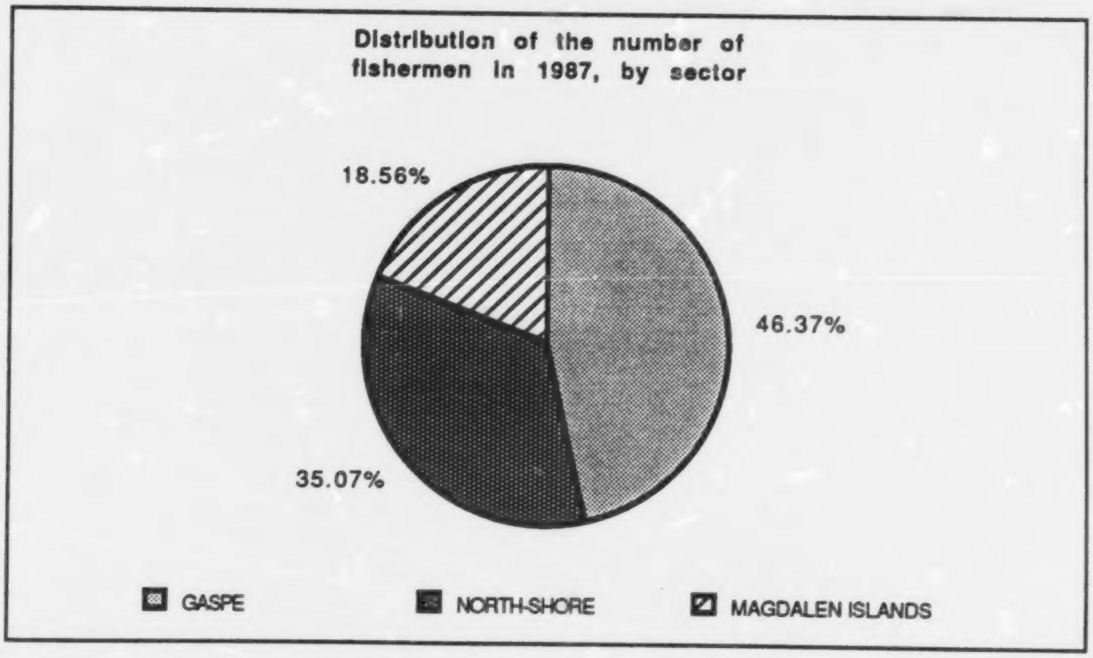


FIGURE 15



Vessels

In 1987, there were 2,871 Quebec vessels involved in commercial fishing activities, an increase of 5% from the 1986 figure of 2,730. Looking further back, the size of the fleet was 2,922 vessels in 1985 and 3,350 in 1984.

The Gaspé Peninsula fleet ranked first, with 1,199 vessels, and was followed by the North Shore (1,166), the Magdalen Islands (468) and the St Lawrence sector (38).

In 1986, the North Shore headed the list with 1,131 vessels. It must also be noted that the North Shore fleet took in the largest number of vessels under 35'. This length category accounted for 86% of the total number of vessels in the sector.

The Gaspé Peninsula was the maritime sector with the largest number of vessels in the 35' to 64'11" category: 297, or 25% of all boats in the sector.

While nearly 68% of the Magdalen Islands fleet comprised vessels under 35', the sector also recorded the highest number of vessels 100' and over in Quebec (7).

TABLE 2

NUMBER OF VESSELS IN 1986 AND 1987
BY SECTOR AND LENGTH GROUP

SECTOR	YEAR	LENGTH GROUP											
		Under 35'	Net change	35' to 44'11"	Net change	45' to 64'11"	Net change	65' to 99'11"	Net change	100' and over	Net change	TOTAL	Net change
ST-LAWRENCE	1986	36	1	-	-	-	-	-	-	-	-	36	2
	1987	37		1		-		-		-		38	
GASPE PENINSULA	1986	802	84	133	1	165	-2	13	-	3	-	1,116	83
	1987	886		134		163		13		3		1,199	
NORTH SHORE	1986	973	34	127	-3	29	3	2	-	-	-	1,131	35
	1987	1,007		124		32		2		1		1,166	
MAGDALEN ISLANDS	1986	304	15	115	6	19	-	2	-	7	-	447	21
	1987	319		121		19		2		7		468	
TOTAL	1986	2,115	134	375	5	213	1	17	-	10	1	2,730	141
	1987	2,249		380		214		17		11		2,871	

FIGURE 16

Number of boats in 1986-87, by length group

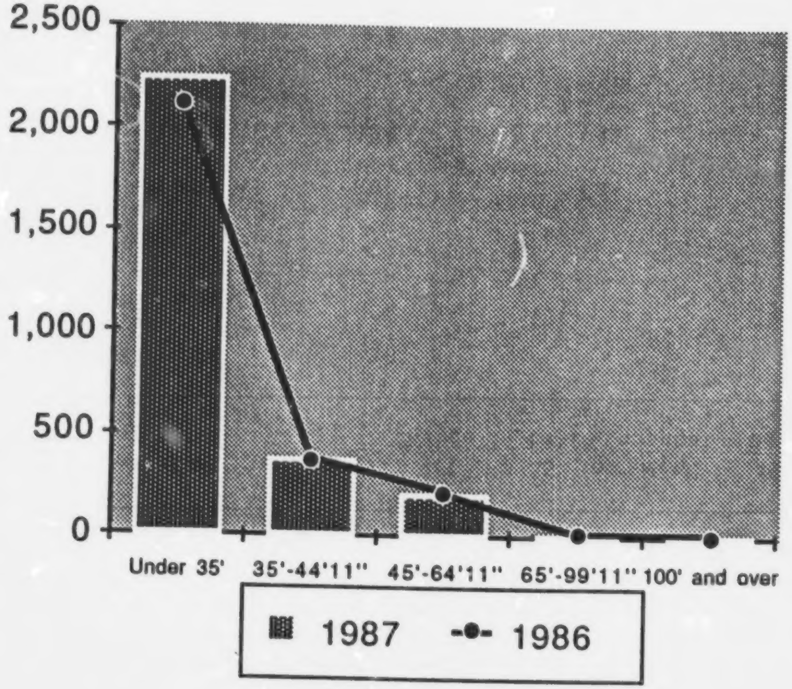


FIGURE 17

Number of boats in 1986-87, by sector

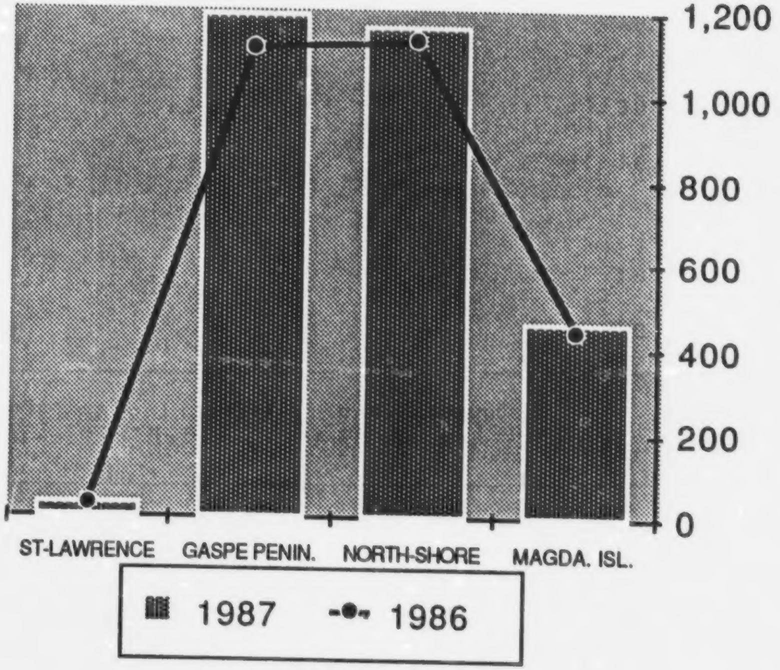


FIGURE 18

Distribution of boats in 1986, by sector and length group

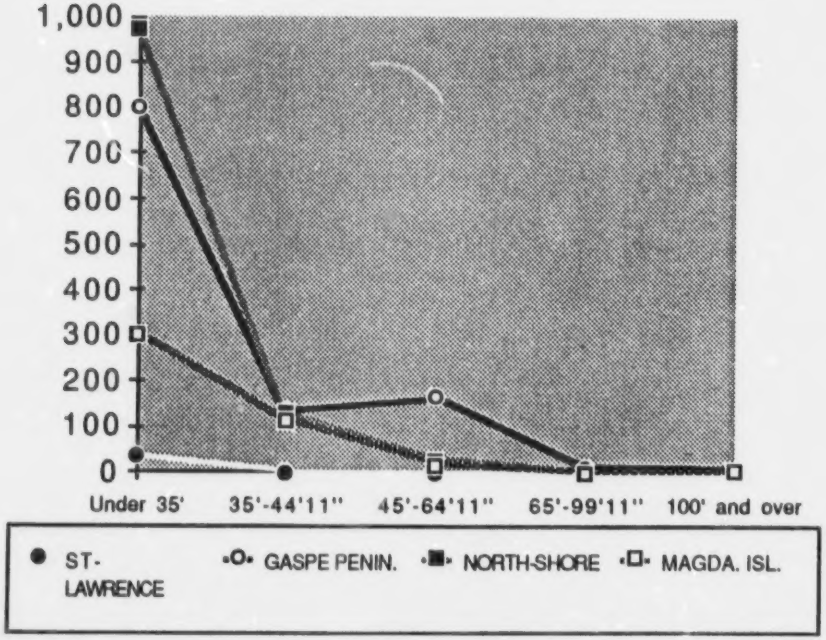


FIGURE 19

Distribution of boats in 1987, by sector and length group

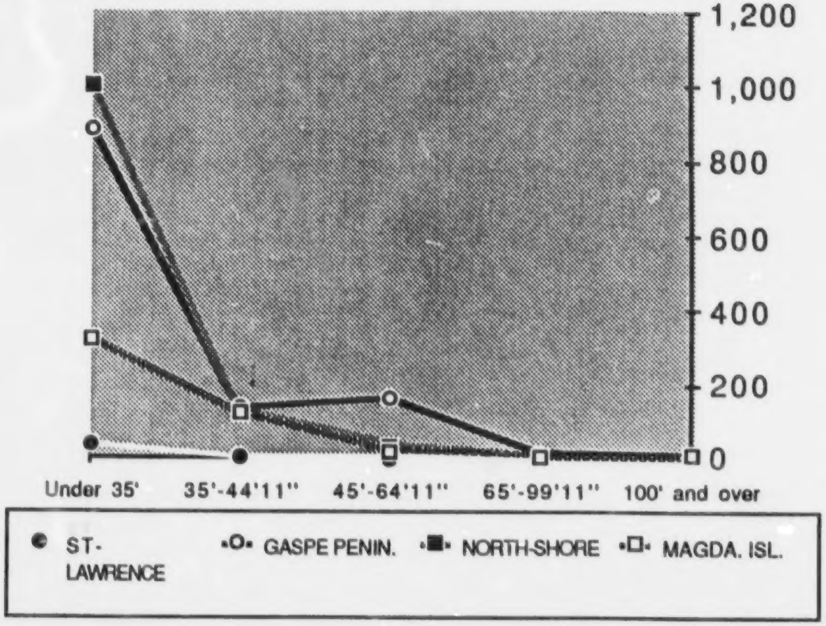


TABLE 2A

NUMBER OF VESSELS IN ALL QUEBEC SECTORS

BY TONNAGE AND LENGTH GROUP - 1987

Groups by ton and by boat length	NORTH - SHORE UPPER	 MIDDLE	 LOWER	 TOTAL	GASPE PENINSULA NORTH	 EAST	 SOUTH	 BAIE-DES CHALEURS	 TOTAL	MAGDALEN ISLANDS	SAINT-LAWRENCE	TOTAL OF QUEBEC
Less than 10-ton boat												
Less than 20'	104	172	291	567	146	112	68	38	364	14	31	976
20' to 24'	30	46	77	153	72	66	126	29	293	5	4	455
25' to 29'	10	19	126	155	26	17	75	28	146	61	2	364
30' to 34'	14	8	100	122	14	10	30	9	63	142	-	327
35' to 39'	-	2	4	6	6	2	8	1	17	8	-	31
40' to 44'	-	3	-	3	2	1	5	2	10	1	-	14
Total	158	250	598	1,006	266	208	312	107	893	231	37	2,167
10 to 24.9-ton boat												
20' to 24'	-	-	-	-	-	1	-	-	1	-	-	1
25' to 29'	-	-	-	-	1	-	1	-	2	-	-	2
30' to 34'	2	2	6	10	3	4	10	-	17	96	-	123
35' to 39'	10	14	50	74	15	8	21	3	47	84	1	206
40' to 44'	11	24	3	38	18	2	25	9	54	27	-	119
45' to 64'	5	6	3	14	7	4	18	4	33	1	-	48
Total	28	46	62	136	44	19	75	16	154	208	1	499
25 to 49.9-ton boat												
30' to 34'	-	-	-	-	-	-	-	-	-	1	-	1
35' to 39'	-	1	-	1	-	-	-	-	-	-	-	1
40' to 44'	-	2	-	2	3	1	2	-	6	1	-	9
45' to 64'	-	7	4	11	6	20	34	1	61	9	-	81
Total	-	10	4	14	9	21	36	1	67	11	-	92
50 to 99.9-ton boat												
45' to 64'	-	4	3	7	12	30	24	2	68	9	-	84
100 to 149.9-ton boat												
45' to 64'	-	-	-	-	-	-	1	-	1	-	-	1
65' to 99'	-	2	-	2	4	8	1	-	13	1	-	16
Total	-	2	-	2	4	8	2	-	14	1	-	17
150-ton boat and more												
65' to 99'	-	-	-	-	-	-	-	-	-	1	-	1
100' and over	1	-	-	1	3	-	-	-	3	7	-	11
Total	1	-	-	1	3	-	-	-	3	8	-	12
All the groups	187	312	667	1,166	338	286	449	126	1,199	468	38	2,871

Buyers

The number of buyers recorded across Quebec was 118 in 1987, compared with 122 in 1986 and 112 in 1985.

The Gaspé Peninsula was still the most popular maritime sector among buyers: 58 were based there, making up approximately 50% of the province-wide total. It must be noted, however, that the sector accounted for more than half the landings made in Quebec. Thus, it should not be surprising that such a large number of buyers would choose the Gaspé as a base of operations.

A net decrease of 12 buyers was noted in the case of the North Shore, with the sector total falling from 45 in 1986 to 37 in 1987 (or 31% of the overall total).

In the Magdalen Islands the number of buyers was quite stable, rising from 13 to 14 in 1987.

TABLE 3

BUYERS OPERATING IN QUEBEC
IN 1986 AND 1987 BY SECTOR

SECTOR	YEAR	Number	Net change	Quantity in metric tons	Variation in %	Quantity landed in % of total
ST-LAWRENCE	1986	8	1	645	16.4	0.7
	1987	9		751		0.8
GASPE PENINSULA	1986	56	2	53,283	1.6	59.2
	1987	58		54,143		55.7
NORTH SHORE	1986	45	- 8	16,841	9.6	18.7
	1987	37		18,458		19.0
MAGDALEN ISLANDS	1986	13	1	19,201	24.6	21.3
	1987	14		23,922		24.6
TOTAL	1986	122	- 4	89,970	8.1	100.0
	1987	118		97,274		100.0

FIGURE 20

Distribution of buyers in 1986, by sector

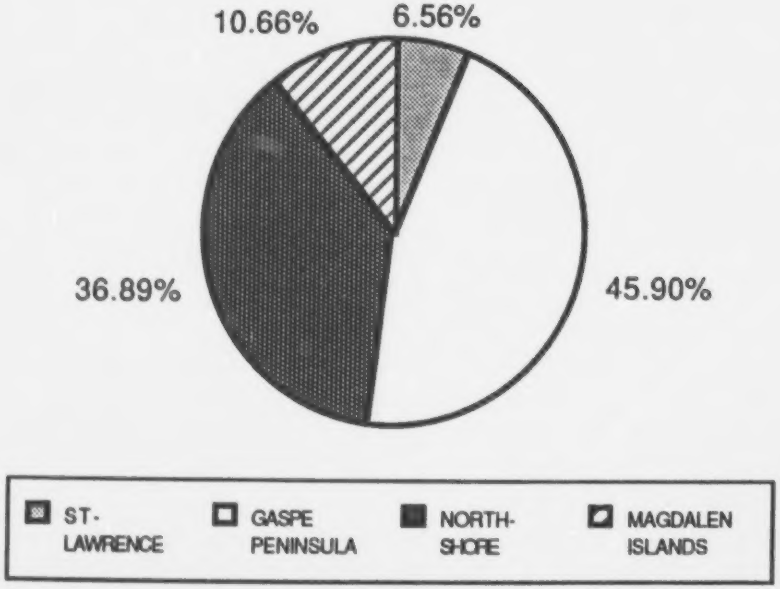
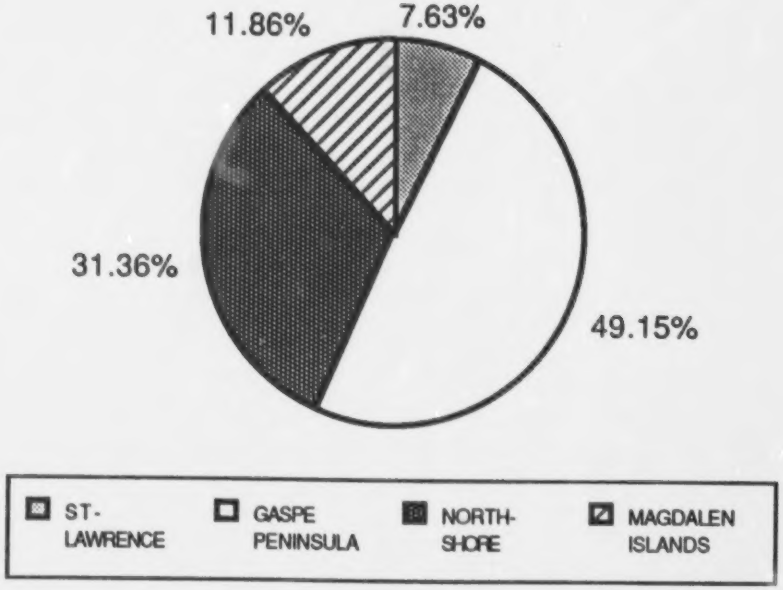


FIGURE 21

Distribution of buyers in 1987, by sector



Processors

The processors listed in the table opposite are those registered with the federal Department of Fisheries and Oceans.

The number of processors operating in Quebec rose once again to 106 in 1987, from 89 in 1986 and 78 in 1985. The largest increase was on the Gaspé Peninsula, where 15 new processors joined the 34 registered in 1986.

Changes were less pronounced in the other sectors. The number of processors in the Magdalen Islands stayed the same while the figure for the North Shore declined from 25 to 24 in 1987. In the St Lawrence sector, the number of processors climbed to 25 from 22 in 1986.

TABLE 4

DFO - REGISTERED PROCESSORS
IN 1985 AND 1986 BY SECTOR

SECTOR	1986		1987		Net change
	Number in sector	% of the total	Number in sector	% of the total	
ST-LAWRENCE (1)	22	24.7	25	23.6	3
GASPE PENINSULA	34	38.2	49	46.2	15
NORTH SHORE	25	28.1	24	22.6	- 1
MAGDALEN ISLANDS	8	9.0	8	7.5	-
TOTAL	89	100.0	106	100.0	17

1- This sector includes 11 processors in the Quebec City area and 14 in the Montreal area.

FIGURE 22

Distribution of producers recognized by the DFO in 1986, by sector

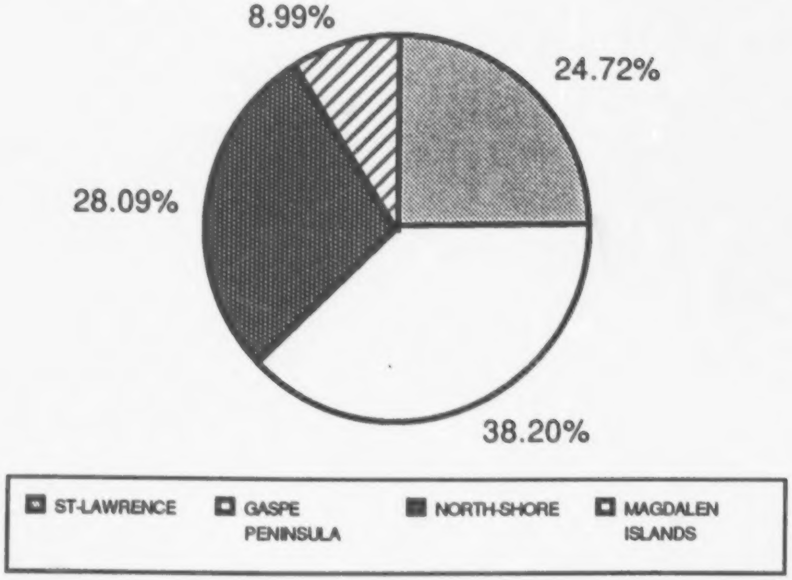
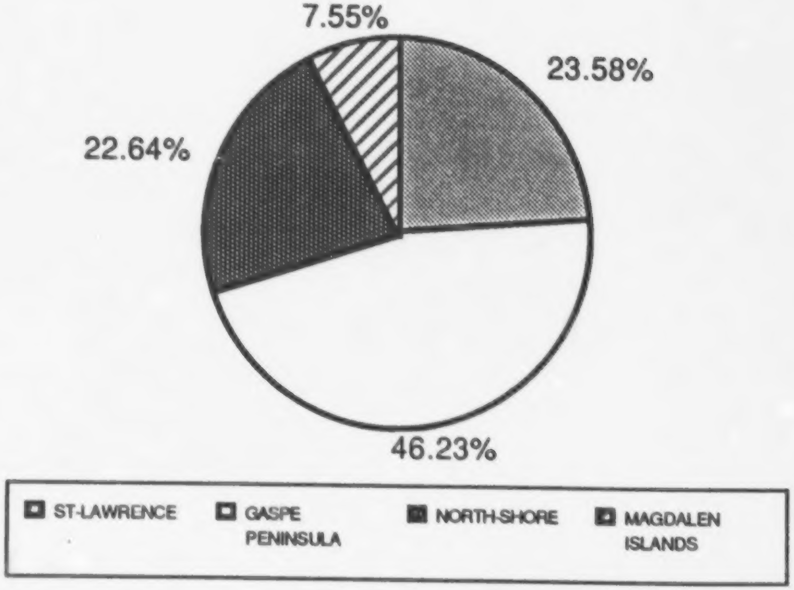


FIGURE 23

Distribution of producers recognized by the DFO in 1987, by sector



DATA ON THE

QUEBEC FLEET

Data on the Quebec fleet

This year we have added to our annual review a chapter examining various aspects of the Quebec fleet. The chapter is divided into four parts and presents data on the average current value of vessels, average crew size, hull types and vessel ages.

As specified in the explanatory note in the methodology section, the current value is that obtained by Inspection Branch at the time of vessel certification. The vessel certification process has a maximum cycle of four years; in other words, within a four-year period, all vessels will have been inspected at least once in accordance with the result of the previous certification. The published data are acquired by asking the following question: What do you estimate is the value of your vessel, including auxiliary craft but excluding fishing gear? This question does not raise the issue of the licences that can be worked with the vessel. Accordingly, we cannot specify whether or not the value of the licences associated with the vessel is accounted for in the answer supplied by the fisherman-owner.

Moreover, by current value we mean the fisherman's estimate for his own boat expressed in current dollars. The data thus defined and collected were verified and, in some cases, adjusted in the light of the average insurable value.

Insurable value takes into account the following points: vessel construction type, materials, onboard safety equipment, vessel age, vessel condition, safety equipment and machinery, projected use, projected area of use, crew competency, and any other factors that may influence the incurred risk.

By projected vessel use we mean fishing and by crew competency the skipper's sailing experience (ie: the risk he represents for the insurer).

Analysis and comparison of sorted questionnaire and insurance data showed a similarity indicating that the presented values are consistent and relevant.

Adjustments were made where the presented data were insufficient.

These adjustments were based on the insurable value for a number of equivalent vessels exhibiting similar characteristics and belonging to a single maritime sector. Only regional tables are provided so as to leave intact and highlight the features of each sector and maintain consistency with the selected methodology (verification through comparison with data on the insurable value of vessels).

The fleet value presented in this review differs from those published for 1984 and earlier years by the Bureau de la Statistique du Québec (BSQ). This time, the average current value shown is based directly on the answers provided by the fishermen-owners interviewed, while the BSQ figures represented market value (the price arrived at after discussion between a buyer and a bona fide seller).

Tables showing crew size present an average for a given length category and indicate the minimum and maximum crew sizes for the length category.

We have also included a table showing the distribution of vessels by hull type (wood, fibreglass, etc) and length category and one describing the age of the fleet.

TABLE 4.1

AVERAGE CURRENT VALUE OF VESSELS ON THE GASPE PENINSULA

BY LENGTH AND AGE GROUP

(Value in thousands of dollars)

LENGTH GROUP	AGE GROUP 0 - 9 years	10 - 19 years	20 - 29 years	30 - 39 years	40 - 49 years	50 years and over
Under 20'	3	2	2	-	-	-
20' to 24'11"	4	3	1	-	-	-
25' to 29'11"	8	7	7	-	-	-
30' to 34'11"	22	18	13	-	-	-
35' to 39'11"	54	26	11	-	-	-
40' to 44'11"	61	32	32	-	-	-
45' to 49'11"	152	63	26	15	-	-
50' to 54'11"	185	150	-	-	-	-
55' to 59'11"	694 (1)	238	98	-	-	-
60' to 64'11"	752 (1)	307 (1)	108	-	-	-
65' to 99'11"	-	592	371	-	-	-
100' and over	-	4,000	-	-	-	-

(1) Figures adjusted in accordance with insured value

TABLE 4.2

AVERAGE CURRENT VALUE OF VESSELS ON THE NORTH SHORE
BY LENGTH AND AGE GROUP

(Value in thousands of dollars)

LENGTH GROUP	AGE GROUP 0 - 9 years	 10 - 19 years	 20 - 29 years	 30 - 39 years	 40 - 49 years	 50 years and over
Under 20'	3	2	2	-	-	-
20' to 24'11"	5	4	1	-	-	-
25' to 29'11"	8	4	3	1 (1)	-	-
30' to 34'11"	30 (1)	20	12	-	-	-
35' to 39'11"	70	45	25	-	-	-
40' to 44'11"	127	44	25	-	-	-
45' to 49'11"	174	79	41	30 (1)	-	-
50' to 54'11"	-	85	-	-	-	-
55' to 59'11"	653	-	127 (1)	-	-	-
50' to 64'11"	1,114	-	173 (1)	-	-	-
65' to 99'11"	-	475 (1)	-	-	-	-
100' and over	-	-	-	-	-	-

(1) Figures adjusted in accordance with insured value.

TABLE 4.3

AVERAGE CURRENT VALUE OF VESSELS IN THE MAGDALEN ISLANDS
BY LENGTH AND AGE GROUP
(Value in thousands of dollars)

LENGTH GROUP	AGE GROUP 0 - 9 years	10 - 19 years	20 - 29 years	30 - 39 years	40 - 49 years	50 years and over
Under 20'	2	2	-	-	-	-
20' to 24'11"	1	2	-	-	-	-
25' to 29'11"	15	10	6	-	-	-
30' to 34'11"	33	18	9	-	10 (1)	-
35' to 39'11"	57	30	31	20	-	-
40' to 44'11"	96	40	40	-	-	-
45' to 49'11"	213	100	-	-	-	-
50' to 54'11"	250	-	-	-	-	-
55' to 59'11"	700	-	129	-	-	-
60' to 64'11"	1,050 (1)	306 (1)	187	155 (1)	-	-
65' to 99'11"	-	630	-	-	-	-
100' and over	-	1,614	-	-	-	-

(1) Figures adjusted in accordance with insured value.

TABLE 4.4

CREW SIZE, ST-LAWRENCE SECTOR
BY VESSEL LENGTH GROUP IN 1987

LENGTH GROUP	Average - crew -	Minimum - crew -	Maximum - crew -
Under 20'	1.27	1	3
20' to 24'11"	1.50	1	2
25' to 29'11"	2.00	2	2
30' to 34'11"	-	-	-
35' to 39'11"	3.00	3	3
40' to 44'11"	-	-	-
45' to 64'11"	-	-	-
65' to 99'11"	-	-	-
100' and over	-	-	-
Total	1.38	1	3

TABLE 4.5

CREW SIZE, GASPE NORTH
BY VESSEL LENGTH GROUP IN 1987

LENGTH GROUP	Average - crew -	Minimum - crew -	Maximum - crew -
Under 20'	1.29	1	3
20' to 24'11"	1.39	1	3
25' to 29'11"	1.92	1	3
30' to 34'11"	2.24	1	3
35' to 39'11"	2.71	1	4
40' to 44'11"	2.70	1	4
45' to 64'11"	3.68	3	5
65' to 99'11"	4.00	4	4
100' and over	17.00	17	17
Total	1.95	1	17

TABLE 4.6

CREW SIZE, GASPE EAST
BY VESSEL LENGTH GROUP IN 1987

LENGTH GROUP	Average - crew -	Minimum - crew -	Maximum - crew -
Under 20'	1.44	1	3
20' to 24'11"	1.49	1	3
25' to 29'11"	1.93	1	3
30' to 34'11"	2.43	1	3
35' to 39'11"	2.70	2	4
40' to 44'11"	2.75	2	3
45' to 64'11"	3.96	2	5
65' to 99'11"	4.00	4	4
100' and over	-	-	-
Total	2.15	1	5

TABLE 4.7

CREW SIZE, GASPE SOUTH
BY VESSEL LENGTH GROUP IN 1987

LENGTH GROUP	Average - crew -	Minimum - crew -	Maximum - crew -
Under 20'	1.98	1	3
20' to 24'11"	1.87	1	3
25' to 29'11"	2.20	1	3
30' to 34'11"	2.23	1	4
35' to 39'11"	2.66	2	4
40' to 44'11"	2.81	1	5
45' to 64'11"	4.31	2	6
65' to 99'11"	7.00	7	7
100' and over	-	-	-
Total	2.53	1	7

TABLE 4.8

CREW SIZE, BAIE-DES-CHALEURS
BY VESSEL LENGTH GROUP IN 1987

LENGTH GROUP	Average - crew -	Minimum - crew -	Maximum - crew -
Under 20'	1.62	1	3
20' to 24'11"	1.86	1	3
25' to 29'11"	2.04	1	3
30' to 34'11"	2.11	2	3
35' to 39'11"	2.00	2	2
40' to 44'11"	2.36	2	3
45' to 64'11"	3.14	2	5
65' to 99'11"	-	-	-
100' and over	-	-	-
Total	1.97	1	5

TABLE 4.9

CREW SIZE, UPPER NORTH SHORE
BY VESSEL LENGTH GROUP IN 1987

LENGTH GROUP	Average - crew -	Minimum - crew -	Maximum - crew -
Under 20'	1.49	1	3
20' to 24'11"	1.63	1	3
25' to 29'11"	2.30	2	3
30' to 34'11"	2.56	1	4
35' to 39'11"	3.20	2	4
40' to 44'11"	3.18	2	5
45' to 64'11"	3.40	2	4
65' to 99'11"	-	-	-
100' and over	-	17	17
Total	1.88	1	17

TABLE 4.10

CREW SIZE, MIDDLE NORTH SHORE
BY VESSEL LENGTH GROUP IN 1987

LENGTH GROUP	Average - crew -	Minimum - crew -	Maximum - crew -
Under 20'	1.42	1	3
20' to 24'11"	1.69	1	3
25' to 29'11"	1.79	1	2
30' to 34'11"	2.40	2	3
35' to 39'11"	3.35	2	4
40' to 44'11"	3.07	1	5
45' to 64'11"	3.47	2	5
65' to 99'11"	3.50	3	4
100' and over	-	-	-
Total	1.90	1	5

TABLE 4.11

CREW SIZE, LOWER NORTH SHORE
BY VESSEL LENGTH GROUP IN 1987

LENGTH GROUP	Average - crew -	Minimum - crew -	Maximum - crew -
Under 20'	1.37	1	3
20' to 24'11"	1.61	1	3
25' to 29'11"	2.23	1	4
30' to 34'11"	2.52	1	4
35' to 39'11"	3.91	2	5
40' to 44'11"	3.67	3	4
45' to 64'11"	3.60	3	5
65' to 99'11"	-	-	-
100' and over	-	-	-
Total	2.00	1	5

TABLE 4.12

CREW SIZE, MAGDALEN ISLANDS
BY VESSEL LENGTH GROUP IN 1987

LENGTH GROUP	Average - crew -	Minimum - crew -	Maximum - crew -
Under 20'	1.29	1	2
20' to 24'11"	1.40	1	2
25' to 29'11"	2.02	1	3
30' to 34'11"	2.08	1	3
35' to 39'11"	2.22	2	3
40' to 44'11"	2.34	2	3
45' to 64'11"	4.37	2	7
65' to 99'11"	5.50	5	6
100' and over	9.00	9	9
Total	2.30	1	9

TABLE 4.13

NUMBER OF VESSELS, ST-LAWRENCE SECTOR
BY LENGTH AND AGE GROUP IN 1987

LENGTH GROUP	AGE GROUP						
	0 - 5 years	6 - 10 years	11 - 15 years	16 - 20 years	21 - 25 years	26 years and over	TOTAL
Under 20'	5	18	6	1	1	-	31
20' to 24'11"	3	1	-	-	-	-	4
25' to 29'11"	-	1	1	-	-	-	2
30' to 34'11"	-	-	-	-	-	-	-
35' to 39'11"	1	-	-	-	-	-	1
40' to 44'11"	-	-	-	-	-	-	-
45' to 64'11"	-	-	-	-	-	-	-
65' to 99'11"	-	-	-	-	-	-	-
100' and over	-	-	-	-	-	-	-
TOTAL	9	20	7	1	1	-	38

TABLE 4.14

NUMBER OF VESSELS, GASPE NORTH
BY LENGTH AND AGE GROUP IN 1987

LENGTH GROUP	AGE GROUP 0 - 5 years	6 - 10 years	11 - 15 years	16 - 20 years	21 - 25 years	26 years and over	TOTAL
Under 20'	64	63	14	5	-	-	146
20' to 24'11"	32	32	5	2	-	1	72
25' to 29'11"	15	8	3	1	-	-	27
30' to 34'11"	7	8	2	-	-	-	17
35' to 39'11"	6	7	2	2	3	1	21
40' to 44'11"	7	7	2	5	1	1	23
45' to 64'11"	4	9	2	3	3	4	25
65' to 99'11"	-	-	-	1	3	-	4
100' and over	-	1	2	-	-	-	3
TOTAL	135	135	32	19	10	7	338

TABLE 4.15

NUMBER OF VESSELS, GASPE EAST
BY LENGTH AND AGE GROUP IN 1987

LENGTH GROUP	AGE GROUP						
	0 - 5 years	6 - 10 years	11 - 15 years	16 - 20 years	21 - 25 years	26 years and over	TOTAL
Under 20'	32	71	7	1	1	-	112
20' to 24'11"	33	24	10	-	-	-	67
25' to 29'11"	9	6	-	1	1	-	17
30' to 34'11"	6	5	1	1	-	1	14
35' to 39'11"	4	3	2	1	-	-	10
40' to 44'11"	1	3	-	-	-	-	4
45' to 64'11"	20	9	10	4	10	1	54
65' to 99'11"	-	-	1	4	2	1	8
100' and over	-	-	-	-	-	-	-
TOTAL	105	121	31	12	14	3	286

TABLE 4.16

NUMBER OF VESSELS, GASPE SOUTH BY LENGTH AND AGE GROUP IN 1987

LENGTH GROUP	AGE GROUP						
	0 - 5 years	6 - 10 years	11 - 15 years	16 - 20 years	21 - 25 years	26 years and over	TOTAL
Under 20'	16	37	11	3	1	-	68
20' to 24'11"	61	53	8	4	-	-	126
25' to 29'11"	50	22	3	1	-	-	76
30' to 34'11"	23	10	4	2	1	-	40
35' to 39'11"	11	6	4	4	3	1	29
40' to 44'11"	8	14	7	2	1	-	32
45' to 64'11"	29	18	12	5	8	5	77
65' to 99'11"	-	-	-	-	1	-	1
100' and over	-	-	-	-	-	-	-
TOTAL	198	160	49	21	15	6	449

TABLE 4.17

NUMBER OF VESSELS, BAIE-DES-CHALEURS
BY LENGTH AND AGE GROUP IN 1987

LENGTH GROUP	AGE GROUP						
	0 - 5 years	6 - 10 years	11 - 15 years	16 - 20 years	21 - 25 years	26 years and over	TOTAL
Under 20'	6	21	7	2	1	1	38
20' to 24'11"	6	16	5	2	-	-	29
25' to 29'11"	16	7	1	1	3	-	28
30' to 34'11"	5	3	-	1	-	-	9
35' to 39'11"	-	1	-	2	1	-	4
40' to 44'11"	4	3	3	1	-	-	11
45' to 64'11"	2	-	2	-	-	3	7
65' to 99'11"	-	-	-	-	-	-	-
100' and over	-	-	-	-	-	-	-
TOTAL	39	51	18	9	5	4	126

TABLE 4.18

NUMBER OF VESSELS, UPPER NORTH SHORE BY LENGTH AND AGE GROUP IN 1987

LENGTH GROUP	AGE GROUP 0 - 5 years	6 - 10 years	11 - 15 years	16 - 20 years	21 - 25 years	26 years and over	TOTAL
Under 20'	42	45	11	2	4	-	104
20' to 24'11"	18	7	4	1	-	-	30
25' to 29'11"	4	3	3	-	-	-	10
30' to 34'11"	6	4	3	1	1	1	16
35' to 39'11"	5	3	2	-	-	-	10
40' to 44'11"	1	3	3	3	1	-	11
45' to 64'11"	-	2	1	-	-	2	5
65' to 99'11"	-	-	-	-	-	-	-
100' and over	-	-	-	-	1	-	1
TOTAL	76	67	27	7	7	3	187

TABLE 4.19

NUMBER OF VESSELS, MIDDLE NORTH SHORE

BY LENGTH AND AGE GROUP IN 1987

LENGTH GROUP	AGE GROUP						
	0 - 5 years	6 - 10 years	11 - 15 years	16 - 20 years	21 - 25 years	26 years and over	TOTAL
Under 20'	61	87	21	3	-	-	172
20' to 24'11"	31	8	5	1	1	-	46
25' to 29'11"	8	9	-	-	-	2	19
30' to 34'11"	6	3	-	1	-	-	10
35' to 39'11"	4	10	2	1	-	-	17
40' to 44'11"	10	9	3	3	3	1	29
45' to 64'11"	6	2	3	-	3	3	17
65' to 99'11"	-	-	-	2	-	-	2
100' and over	-	-	-	-	-	-	-
TOTAL	126	128	34	11	7	6	312

TABLE 4.20

NUMBER OF VESSELS, LOWER NORTH SHORE
BY LENGTH AND AGE GROUP IN 1987

	AGE GROUP						
LENGTH GROUP	0 - 5 years	6 - 10 years	11 - 15 years	16 - 20 years	21 - 25 years	26 years and over	TOTAL
Under 20'	153	114	22	-	2	-	291
20' to 24'11"	31	36	9	1	-	-	77
25' to 29'11"	68	47	10	1	-	-	126
30' to 34'11"	87	16	2	-	1	-	106
35' to 39'11"	6	45	3	-	-	-	54
40' to 44'11"	1	-	2	-	-	-	3
45' to 64'11"	3	2	3	2	-	-	10
65' to 99'11"	-	-	-	-	-	-	-
100' and over	-	-	-	-	-	-	-
TOTAL	349	260	51	4	3	-	667

TABLE 4.21

NUMBER OF VESSELS, MAGDALEN ISLANDS
BY LENGTH AND AGE GROUP IN 1987

LENGTH GROUP	AGE GROUP						
	0 - 5 years	6 - 10 years	11 - 15 years	16 - 20 years	21 - 25 years	26 years and over	TOTAL
Under 20'	6	6	2	-	-	-	14
20' to 24'11"	2	1	-	2	-	-	5
25' to 29'11"	2	20	15	6	15	3	61
30' to 34'11"	97	91	21	19	9	2	239
35' to 39'11"	17	43	14	12	4	2	92
40' to 44'11"	6	8	3	11	1	-	29
45' to 64'11"	4	6	1	2	2	4	19
65' to 99'11"	-	-	-	2	-	-	2
100' and over	-	-	5	2	-	-	7
TOTAL	134	175	61	56	31	11	468

TABLE 4.22

NUMBER OF VESSELS, ST-LAWRENCE SECTOR
BY LENGTH GROUP AND HULL TYPE IN 1987

LENGTH GROUP	HULL TYPE					
	wood	steel	aluminum	fibreglass	other	TOTAL
Under 20'	20	-	3	5	3	31
20' to 24'11"	4	-	-	-	-	4
25' to 29'11"	2	-	-	-	-	2
30' to 34'11"	-	-	-	-	-	-
35' to 39'11"	1	-	-	-	-	1
40' to 44'11"	-	-	-	-	-	-
45' to 64'11"	-	-	-	-	-	-
65' to 99'11"	-	-	-	-	-	-
100' and over	-	-	-	-	-	-
TOTAL	27	-	3	5	3	38

TABLE 4.23

NUMBER OF VESSELS, GASPE NORTH
BY LENGTH GROUP AND HULL TYPE IN 1987

LENGTH GROUP	HULL TYPE					
	wood	steel	aluminum	fibreglass	other	TOTAL
Under 20'	131	1	-	14	-	146
20' to 24'11"	66	-	-	4	2	72
25' to 29'11"	25	-	-	2	-	27
30' to 34'11"	15	-	-	2	-	17
35' to 39'11"	20	-	-	1	-	21
40' to 44'11"	23	-	-	-	-	23
45' to 64'11"	18	5	-	2	-	25
65' to 99'11"	-	4	-	-	-	4
100' and over	-	3	-	-	-	3
TOTAL	298	13	-	25	2	338

TABLE 4.24

NUMBER OF VESSELS, GASPE EAST
BY LENGTH GROUP AND HULL TYPE IN 1987

LENGTH GROUP	HULL TYPE wood	steel	aluminum	fibreglass	other	TOTAL
Under 20'	112	-	-	-	-	112
20' to 24'11"	62	-	-	5	-	67
25' to 29'11"	16	-	-	-	1	17
30' to 34'11"	12	-	-	2	-	14
35' to 39'11"	10	-	-	-	-	10
40' to 44'11"	4	-	-	-	-	4
45' to 64'11"	34	4	-	16	-	54
65' to 99'11"	3	5	-	-	-	8
100' and over	-	-	-	-	-	-
TOTAL	253	9	-	23	1	286

TABLE 4.25

NUMBER OF VESSELS, GASPE SOUTH
BY LENGTH GROUP AND HULL TYPE IN 1987

LENGTH GROUP	HULL TYPE					
	wood	steel	aluminum	fibreglass	other	TOTAL
Under 20'	66	-	-	1	1	68
20' to 24'11"	115	-	-	10	1	126
25' to 29'11"	65	-	-	11	-	76
30' to 34'11"	34	-	-	6	-	40
35' to 39'11"	26	-	-	3	-	29
40' to 44'11"	30	1	-	1	-	32
45' to 64'11"	53	2	-	22	-	77
65' to 99'11"	-	1	-	-	-	1
100' and over	-	-	-	-	-	-
TOTAL	389	4	-	54	2	449

TABLE 4.26

NUMBER OF VESSELS, BAIE-DES-CHALEURS
BY LENGTH GROUP AND HULL TYPE IN 1987

LENGTH GROUP	HULL TYPE					
	wood	steel	aluminum	fibreglass	other	TOTAL
Under 20'	32	-	2	4	-	38
20' to 24'11"	26	-	-	3	-	29
25' to 29'11"	25	-	-	2	1	28
30' to 34'11"	7	-	-	2	-	9
35' to 39'11"	4	-	-	-	-	4
40' to 44'11"	11	-	-	-	-	11
45' to 64'11"	5	-	-	2	-	7
65' to 99'11"	-	-	-	-	-	-
100' and over	-	-	-	-	-	-
TOTAL	110	-	2	13	1	126

TABLE 4.27

NUMBER OF VESSELS, UPPER NORTH SHORE
BY LENGTH GROUP AND HULL TYPE IN 1987

LENGTH GROUP	HULL TYPE					
	wood	steel	aluminum	fibreglass	other	TOTAL
Under 20'	40	-	34	29	1	104
20' to 24'11"	22	1	2	5	-	30
25' to 29'11"	9	-	-	1	-	10
30' to 34'11"	14	1	-	1	-	16
35' to 39'11"	6	-	-	4	-	10
40' to 44'11"	9	-	-	2	-	11
45' to 64'11"	5	-	-	-	-	5
65' to 99'11"	-	-	-	-	-	-
100' and over	-	1	-	-	-	1
TOTAL	105	3	36	42	1	187

TABLE 4.28

NUMBER OF VESSELS, MIDDLE NORTH SHORE BY LENGTH GROUP AND HULL TYPE IN 1987

LENGTH GROUP	HULL TYPE					
	wood	steel	aluminum	fibreglass	other	TOTAL
Under 20'	124	-	14	32	2	172
20' to 24'11"	36	-	-	10	-	46
25' to 29'11"	18	-	-	1	-	19
30' to 34'11"	8	-	-	2	-	10
35' to 39'11"	9	-	-	8	-	17
40' to 44'11"	22	-	-	7	-	29
45' to 64'11"	10	3	-	4	-	17
65' to 99'11"	2	-	-	-	-	2
100' and over	-	-	-	-	-	-
TOTAL	229	3	14	64	2	312

TABLE 4.29

NUMBER OF VESSELS, LOWER NORTH SHORE BY LENGTH GROUP AND HULL TYPE IN 1987

LENGTH GROUP	HULL TYPE wood	steel	aluminum	fibreglass	other	TOTAL
Under 20'	258	-	1	23	9	291
20' to 24'11"	74	-	-	3	-	77
25' to 29'11"	124	-	-	1	1	126
30' to 34'11"	103	-	-	1	2	106
35' to 39'11"	37	2	-	14	1	54
40' to 44'11"	2	-	-	1	-	3
45' to 64'11"	7	-	-	3	-	10
65' to 99'11"	-	-	-	-	-	-
100' and over	-	-	-	-	-	-
TOTAL	605	2	1	46	13	667

TABLE 4.30

NUMBER OF VESSELS, MAGDALEN ISLANDS BY LENGTH GROUP AND HULL TYPE IN 1987

LENGTH GROUP	HULL TYPE					
	wood	steel	aluminum	fibreglass	other	TOTAL
Under 20'	9	-	-	5	-	14
20' to 24'11"	4	-	-	1	-	5
25' to 29'11"	53	-	1	7	-	61
30' to 34'11"	165	-	-	74	-	239
35' to 39'11"	55	-	-	37	-	92
40' to 44'11"	21	-	-	8	-	29
45' to 64'11"	15	2	-	2	-	19
65' to 99'11"	1	1	-	-	-	2
100' and over	-	7	-	-	-	7
TOTAL	323	10	1	134	-	468

ACCESS TO RESOURCES

Access to the resource

The mandate of the Department of Fisheries and Oceans includes preservation and conservation of the various components of the fisheries resource. To achieve this end, the Department relies on two esential resource management tools: licences and quotas.

Licences control access to various resource components while quotas establish quantity allocations for each species.

We should also note that the Quebec government has jurisdiction over the issue of fishing licences for anadromous and catadromous species (salmon, eels, smelts, etc).

Licences issued in 1987: a slight decline

A total of 6,711 licences were issued in 1987, 57 fewer than the 6,768 issued in 1986. These figures include the 89 sport scalloping licences for 1987 and the 92 for 1986.

The North Shore was the sector that accounted for the largest number of licences issued: 2,653 as opposed to 2,684 in 1986. It was also the sector with the largest number of licences for groundfish (824) and crab (118). We note that 40% of all licences were issued to North Shore fishermen.

The records show that 2,638 licences were issued on the Gaspé Peninsula in 1987 compared with 2,665 in 1986. This sector received the largest number of licences for herring (571) and shrimp (41) in Quebec.

The Magdalen Islands sector accounted for 327 lobstering licences (thus ranking first in the province), the Gaspé Peninsula for 226 and the North Shore for 92.

Besides the sectoral distribution of the various licences issued, two other distributions are of particular interest: those for vessel length category and type of gear.

The table showing the number of commercial fishing licences by gear type and vessel length category indicates that 4,842 licences, or over 70%, were issued to vessels under 35'. The next largest groups of licence recipients were vessels 35' to 44'11" (1,308) and vessels 45' to 64'11" (521).

It should be noted that 53% of the licences issued were for gillnet fishing. This type of gear is primarily used for catching pelagic species, more particularly herring and bait fish.

A total of 130 licences were issued for groundfish fishing with mobile gear by vessels 35' to 64'11". Meanwhile, of the 1,212 fixed gear groundfish licences issued in 1987, over 70% went to vessels under 35' and slightly under 20% to vessels 35' to 44'11".

TABLE 5

NUMBER OF COMMERCIAL FISHING LICENCES ISSUED BY SECTOR IN 1986 AND 1987 FOR SELECTED SPECIES

SPECIES

SECTOR	YEAR	Ground-fish	Net change	Herring	Net change	Shrimp	Net change	Snow Crabs	Net change	Lobsters	Net change	Other[1]	Net change	TOTAL	Net change
GASPE PENINSULA	1986	602	-10	579	-8	41	-	49	1	226	-	1,168	-10	2,665	-27
	1987	592		571		41		50		226		1,158		2,638	
NORTH-SHORE	1986	839	-15	461	10	7	-	119	-1	94	-2	1,164	-23	2,684	-31
	1987	824		471		7		118		92		1,141		2,653	
MAGDALEN ISLANDS	1986	175	2	302	5	-	-	9	-	328	-1	513	-2	1,327	4
	1987	177		307		-		9		327		511		1,331	
TOTAL	1986	1,616	-23	1,342	7	48	-	177	-	648	-3	2,845	-35	6,676	-54
	1987	1,593		1,349		48		177		645		2,810		6,622	

[1] Other does not include 89 sport scalloping licences on the North Shore.

FIGURE 24

Distribution of commercial fishing licences issued in the Gaspe Peninsula in 1986-87

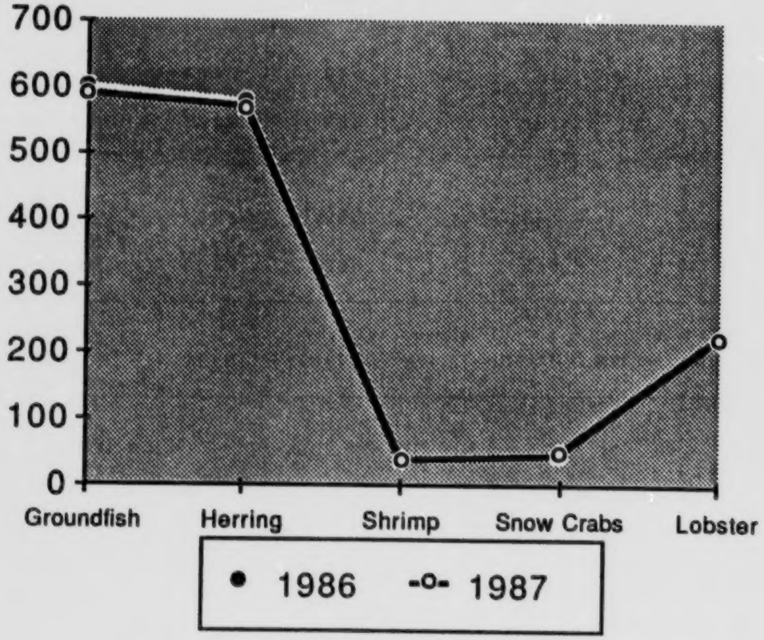


FIGURE 25

Distribution of commercial fishing licences issued on North-Shore in 1986-87

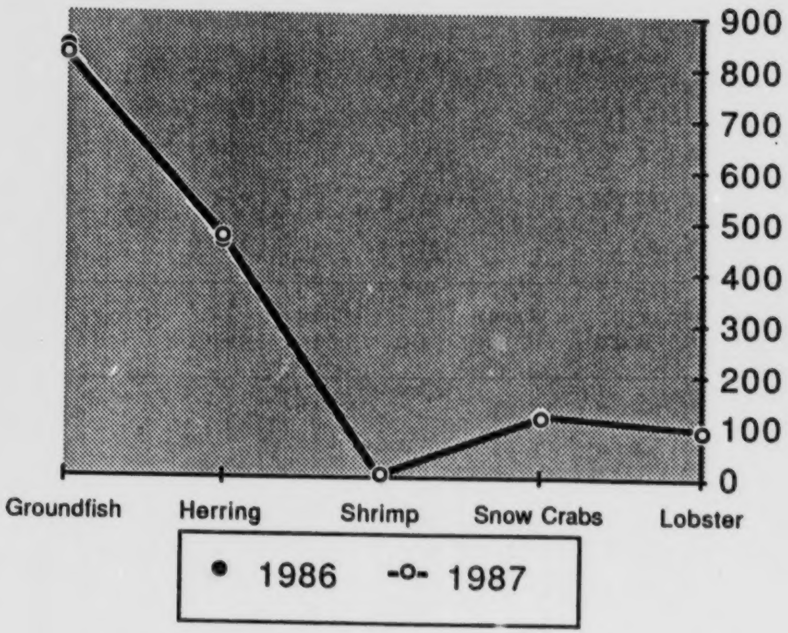


FIGURE 26

Distribution of commercial fishing licences issued in Magdalen Islands in 1986-87

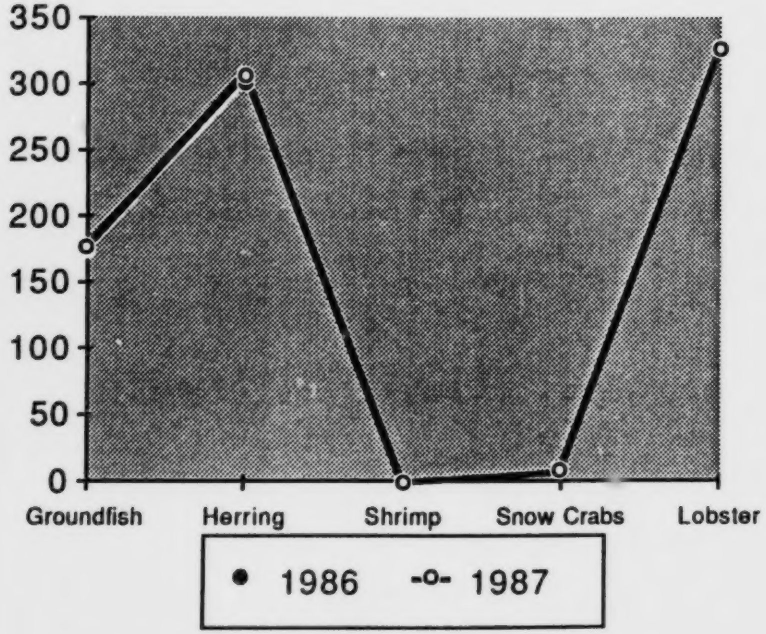


FIGURE 27

Distribution of commercial fishing licences issued in Quebec Region in 1986-87

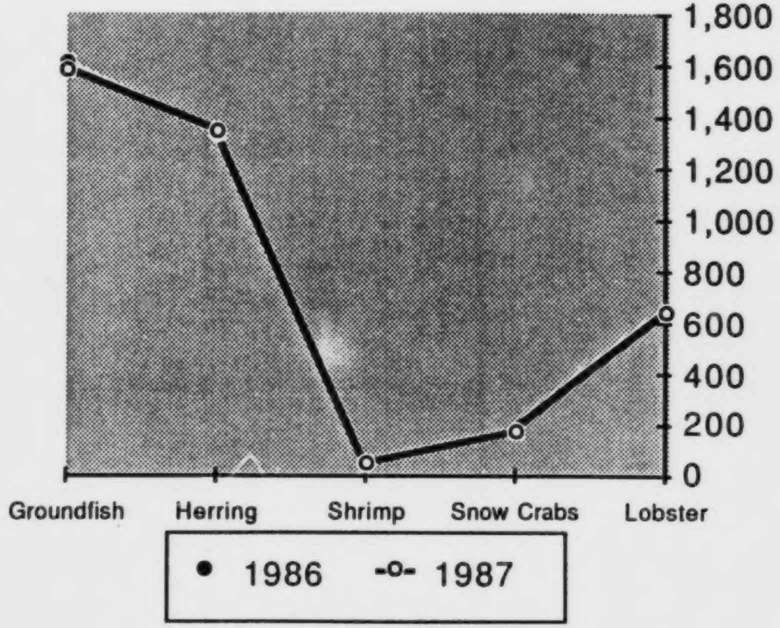


TABLE 6

NUMBER OF COMMERCIAL FISHING LICENCES ISSUED IN QUEBEC IN 1987 FOR THE MAIN SPECIES

	LENGTH GROUP					
SPECIES/TYPE OF GEAR	Under 35'	35' to 44'11"	45' to 64'11"	65' to 99'11"	100' and over	TOTAL
GROUNDFISH						
Beach seine	2	-	-	-	-	2
Trapnet	217	7	1	-	-	225
Fixed gear	894	235	83	-	-	1,212
Mobile gear	1	36	94	15	8	154
Total	1,114	278	178	15	8	1,593
PELAGIC SPECIES						
Herring						
Beach seine	4	-	2	-	-	6
Trapnet	20	4	-	-	-	24
Gillnet	1,003	240	76	-	-	1,319
Purse seine	-	-	-	-	-	-
Total	1,027	244	78	-	-	1,349
Mackerel						
Beach seine	2	2	1	-	-	5
Gillnet	304	88	20	-	-	412
Total	306	90	21	-	-	417
Capelin						
Beach seine	11	-	-	-	-	11
Trapnet	3	-	-	-	-	3
Gillnet	1	-	-	-	-	1
Total	15	-	-	-	-	15
Bluefin tuna						
Troll line	25	23	5	-	-	53
Bait fish						
Beach seine	7	-	-	-	-	7
Gillnet	1,341	330	121	1	-	1,793
Trawling	-	-	-	-	-	-
Total	1,348	330	121	1	-	1,800
Other species, unspecified						
Trapnet	14	1	-	-	-	15
Weir	10	-	-	-	-	10
Draggers (hydraulic pump)	-	2	-	-	-	2
Total	24	3	-	-	-	27

TABLE 6

NUMBER OF COMMERCIAL FISHING LICENCES ISSUED IN QUEBEC IN 1987 FOR THE MAIN SPECIES

SPECIES/TYPE OF GEAR	LENGTH GROUP					
	Under 35'	35' to 44'11"	45' to 64'11"	65' to 99'11"	100' and over	TOTAL
MOLLUSCS AND CRUSTACEANS						
Scallops						
Draggers	22	44	9	-	-	75
Manual draggers	89	-	-	-	-	89
Total	111	44	9	-	-	164
Whelks						
Pots	194	52	8	-	-	254
Lobster						
Pots	515	127	3	-	-	645
Shrimp						
Trawling	-	-	34	12	2	48
Crab						
Inshore, pots	8	104	18	-	-	130
Midshore, pots	-	3	42	2	-	47
Total	8	107	60	2	-	177
MARINE MAMMAL						
Seal (1)						
Gillnet	49	5	1	-	-	55
Shoal net	106	5	3	-	-	114
Total	155	10	4	-	-	169
TOTAL	4,842	1,308	521	30	10	6,711 (2)

(1) Licences issued in respect of this species are fishing licences, not hunting licences.

(2) This total includes 92 sport scalloping licences;
if these licences are deducted from the overall total of 6,711, the resulting figure (6,622) is the same as in Table 5.

TABLE 7

NUMBER OF COMMERCIAL FISHING LICENCES ISSUED ON THE GASPE PENINSULA IN 1987 FOR THE MAIN SPECIES

SPECIES/TYPE OF GEAR	LENGTH GROUP					
	Under 35'	35' to 44'11"	45' to 64'11"	65' to 99'11"	100' and over	TOTAL
GROUNDFISH						
Beach seine	-	-	-	-	-	-
Trapnet	-	-	-	-	-	-
Fixed gear	321	101	68	-	-	490
Mobile gear	-	11	77	12	2	102
Total	321	112	145	12	2	592
PELAGIC SPECIES						
Herring						
Beach seine	3	-	1	-	-	4
Trapnet	1	-	-	-	-	1
Gillnet	421	89	56	-	-	566
Purse seine	-	-	-	-	-	-
Total	425	89	57	-	-	571
Mackerel						
Beach seine	-	-	-	-	-	-
Gillnet	192	37	17	-	-	246
Total	192	37	17	-	-	246
Capelin						
Beach seine	-	-	-	-	-	-
Trapnet	-	-	-	-	-	-
Gillnet	-	-	-	-	-	-
Total	-	-	-	-	-	-
Bluefin tuna						
Troll line	24	22	5	-	-	51
Bait fish						
Beach seine	-	-	-	-	-	-
Gillnet	536	117	93	1	-	747
Trawling	-	-	-	-	-	-
Total	536	117	93	1	-	747
Other species, unspecified						
Trapnet	4	-	-	-	-	4
Weir	1	-	-	-	-	1
Draggers (hydraulic pump)	-	-	-	-	-	-
Total	5	-	-	-	-	5

TABLE 7

NUMBER OF COMMERCIAL FISHING LICENCES ISSUED ON THE GASPE PENINSULA IN 1987 FOR THE MAIN SPECIES

	LENGTH GROUP					
SPECIES/TYPE OF GEAR	Under 35'	35' to 44'11"	45' to 64'11"	65' to 99'11"	100' and over	TOTAL
MOLLUSCS AND CRUSTACEANS						
Scallops						
Draggers	-	7	3	-	-	10
Manual draggers	-	-	-	-	-	-
Total	-	7	3	-	-	10
Whelks						
Pots	72	22	5	-	-	99
Lobster						
Pots	203	23	-	-	-	226
Shrimp						
Trawling	-	-	29	10	2	41
Crab						
Inshore, pots	-	8	4	-	-	12
Midshore, pots	-	3	34	1	-	38
Total	-	11	38	1	-	50
MARINE MAMMAL						
Seal (1)						
Gillnet	-	-	-	-	-	-
Shoal net	-	-	-	-	-	-
Total	-	-	-	-	-	-
TOTAL	1,778	440	392	24	4	2,638

(1) Licences issued in respect of this species are fishing licences, not hunting licences.

TABLE 8

NUMBER OF COMMERCIAL FISHING LICENCES ISSUED ON THE NORTH SHORE IN 1987 FOR THE MAIN SPECIES

	LENGTH GROUP					
SPECIES/TYPE OF GEAR	Under 35'	35' to 44'11"	45' to 64'11"	65' to 99'11"	100' and over	TOTAL
GROUNDFISH						
Beach seine	2	-	-	-	-	2
Trapnet	217	7	1	-	-	225
Fixed gear	462	106	12	-	-	580
Mobile gear	-	7	8	2	-	17
Total	681	120	21	2	-	824
PELAGIC SPECIES						
Herring						
Beach seine	-	-	-	-	-	-
Trapnet	8	-	-	-	-	8
Gillnet	384	68	11	-	-	463
Purse seine	-	-	-	-	-	-
Total	392	68	11	-	-	471
Mackerel						
Beach seine	1	-	-	-	-	1
Gillnet	29	15	3	-	-	47
Total	30	15	3	-	-	48
Capelin						
Beach seine	11	-	-	-	-	11
Trapnet	3	-	-	-	-	3
Gillnet	1	-	-	-	-	1
Total	15	-	-	-	-	15
Bluefin tuna						
Troll line	-	-	-	-	-	-
Bait fish						
Beach seine	7	-	-	-	-	7
Gillnet	562	110	18	-	-	690
Trawling	-	-	-	-	-	-
Total	569	110	18	-	-	697
Other species, unspecified						
Trapnet	10	1	-	-	-	11
Weir	9	-	-	-	-	9
Draggers (hydraulic pump)	-	-	-	-	-	-
Total	19	1	-	-	-	20

TABLE 8

NUMBER OF COMMERCIAL FISHING LICENCES ISSUED ON THE NORTH SHORE IN 1987 FOR THE MAIN SPECIES

	LENGTH GROUP					
SPECIES/TYPE OF GEAR	Under 35'	35' to 44'11"	45' to 64'11"	65' to 99'11"	100' and over	TOTAL
MOLLUSCS AND CRUSTACEANS						
Scallops						
Draggers	20	18	4	-	-	42
Manual draggers	89	-	-	-	-	89
Total	109	18	4	-	-	131
Whelks						
Pots	119	28	3	-	-	150
Lobster						
Pots	86	5	1	-	-	92
Shrimp						
Trawling	-	-	5	2	-	7
Crab						
Inshore, pots	8	96	14	-	-	118
Midshore, pots	-	-	-	-	-	-
Total	8	96	14	-	-	118
MARINE MAMMAL						
Seal (1)						
Gillnet	49	5	1	-	-	55
Shoal net	106	5	3	-	-	114
Total	155	10	4	-	-	169
TOTAL	2,183	471	84	4	-	2,742(2)

(1) Licences issued in respect of this species are fishing licences, not hunting licences.

TABLE 9

NUMBER OF COMMERCIAL FISHING LICENCES ISSUED IN THE MAGDALEN ISLANDS IN 1987 FOR THE MAIN SPECIES

	LENGTH GROUP					
SPECIES/TYPE OF GEAR	**Under 35'**	**35' to 44'11"**	**45' to 64'11"**	**65' to 99'11"**	**100' and over**	**TOTAL**
GROUNDFISH						
Beach seine	-	-	-	-	-	-
Trapnet	-	-	-	-	-	-
Fixed gear	111	28	3	-	-	142
Mobile gear	1	18	9	1	6	35
Total	112	46	12	1	6	177
PELAGIC SPECIES						
Herring						
Beach seine	1	-	1	-	-	2
Trapnet	11	4	-	-	-	15
Gillnet	198	83	9	-	-	290
Purse seine	-	-	-	-	-	-
Total	210	87	10	-	-	307
Mackerel						
Beach seine	1	2	1	-	-	4
Gillnet	83	36	-	-	-	119
Total	84	38	1	-	-	123
Capelin						
Beach seine	-	-	-	-	-	-
Trapnet	-	-	-	-	-	-
Gillnet	-	-	-	-	-	-
Total	-	-	-	-	-	-
Bluefin tuna						
Troll line	1	1	-	-	-	2
Bait fish						
Beach seine	-	-	-	-	-	-
Gillnet	243	103	10	-	-	356
Trawling	-	-	-	-	-	-
Total	243	103	10	-	-	356
Other species, unspecified						
Trapnet	-	-	-	-	-	-
Weir	-	-	-	-	-	-
Draggers (hydraulic pump)	-	2	-	-	-	2
Total	-	2	-	-	-	2

TABLE 9

NUMBER OF COMMERCIAL FISHING LICENCES ISSUED IN THE MAGDALEN ISLANDS IN 1987 FOR THE MAIN SPECIES

SPECIES/TYPE OF GEAR	LENGTH GROUP Under 35'	35' to 44'11"	45' to 64'11"	65' to 99'11"	100' and over	TOTAL
MOLLUSCS AND CRUSTACEANS						
Scallops						
Draggers	2	19	2	-	-	23
Manual draggers	-	-	-	-	-	-
Total	2	19	2	-	-	23
Whelks						
Pots	3	2	-	-	-	5
Lobster						
Pots	226	99	2	-	-	327
Shrimp						
Trawling	-	-	-	-	-	-
Crab						
Inshore, pots	-	-	-	-	-	-
Midshore, pots	-	-	8	1	-	9
Total	-	-	8	1	-	9
MARINE MAMMAL						
Seal (1)						
Gillnet	-	-	-	-	-	-
Shoal net	-	-	-	-	-	-
Total	-	-	-	-	-	-
TOTAL	881	397	45	2	6	1,331

(1) Licences issued in respect of this species are fishing licences, not hunting licences.

Fishing quotas in Quebec - 1987 season

The quota table for 1987 exhibits a number of particular features, including greater segmentation of quotas for given species and divisions. This segmentation primarily affected cod in divisions 4S and 4T, Greenland halibut in 4RST and shrimp on the Sept Iles bank.

The restructuring of fishing patterns resulted in numerous consecutive fishery openings and closings. The case of cod fished in division 4T illustrates this point. Because the established quotas were quickly reached, this fishery was open only within the following intervals: January 1 to 24, April 15 to May 22, June 12 to 23, June 28 to 30, July 5 to August 5 (by-catch), August 6 to 21, and November 5 to December 13.

Examining Quebec landings under cod quotas in more detail, we find 57% of landings associated with division 4T and 43% with 4S. This distribution is essentially the same as that observed in 1986. Quebec mobile gear operators obtained yields that were down by on the order of 6%, while fixed gear yields declined by 10%. As a result, there was a net decrease of 9% in cod landings recorded in Quebec.

Specific management plans and excellent market conditions led Quebec fishermen to diversify their efforts further, particularly in the case of groundfish species other than cod. In particular, sharp cumulative rises from 1986 were recorded under the quotas for redfish, American plaice, white hake and Greenland halibut. The increases for these species were 55, 37, 44 and 72% respectively.

For herring, the main pelagic species in Quebec, the total spring catch in division 4T was similar to that in 1986. However, the 1987 fall catch was up significantly, by 48% from that for 1986. It should be noted that the 1987 herring fishery had specific area quotas and not an overall quota as was used in 1986.

The shrimp fishery was highly successful in 1987. For the first time in four years, the Estuary bank had to be closed because the quota was reached. Moreover, the cumulative figures for the Sept Iles and Anticosti South banks were up by 25 and 40% from 1986.

As a final note, the Quebec quota review is much less positive in the case of the cumulative snow crab catch. The midshore and inshore fleets recorded declines of on the order of 48 and 12% respectively compared with 1986.

TABLE 10

FISHING QUOTAS APPLICABLE TO QUEBEC

- 1987 SEASON -

SPECIES	DIVISION (1)	Type of fishing gear and category of boat	PERIOD	QUOTA	Catch landed in Quebec (m.t.) (final figures)	Total catch under this quota (preliminary figures) (5)	% of catch under this quota in Quebec
Cod	4RS 3Pn	Fixed gear, boats under 35 feet	January 1st - September 30th	34,700	4,872	21,734	22.42
			October 1st - December 31th	2,000	642	2,844	22.57
		Mobile gear, boats under 35 feet	January 1st - April 14th	950	-	1,236	N/A
			April 15th - July 4th	2,300	3,338	3,548	94.08
			August 6th - December 31th	1,200	1,964	2,188	89.76
		Mobile gear, boats under 65 feet, incidental catches by shrimp trawlers	January 1st - December 31th	1,500	1,013	1,123	90.20
		Mobile gear, boats under 65 feet, enterprises allocations	January 1st - December 31th	26,300	41	24,161	0.17
		Mobile gear, boats of 65 to 100 feet	January 1st - December 31th	1,400	674	1,557	43.29
		Mobile gear, boats of 65 to 100 feet, incidental catches by shrimp trawlers	January 1st - December 31th	1,400	464	1,290	35.97
		Every boat over 100 feet	January 1st - December 31th	5,350	483	4,685	10.31

TABLE 10

FISHING QUOTAS APPLICABLE TO QUEBEC

- 1987 SEASON -

SPECIES	DIVISION (1)	Type of fishing gear and category of boat	PERIOD	QUOTA	Catch landed in Quebec (m.t.) (final figures)	Total catch under this quota (preliminary figures) (5)	% of catch under this quota in Quebec
Cod	4 T	Fixed gear, boats under 65 feet	April 1st - June 10th	3,200	1,299	1,768	73.47
			June 11th - November 4th	7,300	5,510	8,081	68.18
			November 5th - December 31th	300	13	710	1.83
		Mobile gear, boats under 100 feet	January 1st - April 14th	1,200	-	1,584	N/A
			April 15th - June 11th	13,750	5,363	17,276	31.04
			June 12th - June 27th	3,000	1,604	3,330	48.17
			June 28th - July 4th	600	588	1,027	57.25
		(incidental catches during a plaice fishery)	July 5th - August 5th	670	148	552	26.81
			August 6th - November 9th	5,150	2,652	5,476	48.43
			November 10th - December 31th	1,480	502	1,702	29.49
	4 Vn	Mobile gear, boats under 65 feet	May 1st - June 11th	800	16	1,291	1.24
			September 1st - October 31th	255	32	322	9.94
TOTAL: Cod				114,805	31,218	107,485	29.04
Ocean perch	3 P	Every boat over 100 feet	January 1st - December 31th	13,200	48	5,509	0.87

TABLE 10

FISHING QUOTAS APPLICABLE TO QUEBEC

- 1987 SEASON -

SPECIES	DIVISION (1)	Type of fishing gear and category of boat	PERIOD	QUOTA	Catch landed in Quebec (m.t.) (final figures)	Total catch under this quota (preliminary figures) (5)	% of catch under this quota in Quebec
Ocean perch	4RST	Fixed gear, boats under 65 feet	January 1st - December 31th	300	355	391	90.79
		Mobile gear, boats under 100 feet	January 1st - December 31th	10,700	1,670	4,663	35.81
		Mobile gear, boats under 100 feet, incidental catches	January 1st - December 31th	1,500	417	838	49.76
		Mobile gear, boats over 100 feet	January 1st - December 31th	37,500	12,337	28,926	42.65
TOTAL: Ocean perch				63,200	14,827	40,327	36.77
American plaice	4T	Fixed gear, boats under 65 feet	January 1st - December 31th	1,500	827	1,122	73.71
		Mobile gear, boats under 65 feet	January 1st - December 31th	8,000	2,610	6,113	42.70
		Mobile gear, boats of 65 to 100 feet	January 1st - December 31th	500	46	618	7.44
TOTAL: American plaice				10,000	3,483	7,853	44.35

TABLE 10

FISHING QUOTAS APPLICABLE TO QUEBEC

- 1987 SEASON -

SPECIES	DIVISION (1)	Type of fishing gear and category of boat	PERIOD	QUOTA	Catch landed in Quebec (m.t.) (final figures)	Total catch under this quota (preliminary figures) (5)	% of catch under this quota in Quebec
Witch flounder	**4RS**	Fixed gear, boats under 65 feet	January 1st - December 31th	100	2	3	66.67
		Mobile gear, boats under 65 feet	January 1st - December 31th	1,300	28	105	26.67
		Mobile gear, boats of 65 to 100 feet	January 1st - December 31th	100	2	131	1.53
		Every boat over 100 feet	January 1st - December 31th	1,700	5	45	11.11
TOTAL: Witch flounder				**3,200**	**37**	**284**	**13.03**
White hake	**4T**	All types of gear, boats under 50 feet	January 1st - December 31th	8,460	569	5,362	10.61
		All types of gear, boats of 50 to 65 feet	January 1st - December 31th	860	73	517	14.12
		All types of gear, boats over 65 feet, incidental catches	January 1st - December 31th	80	-	10	N/A
TOTAL: White hake				**9,400**	**642**	**5,889**	**10.90**

TABLE 10

FISHING QUOTAS APPLICABLE TO QUEBEC

- 1987 SEASON -

SPECIES	DIVISION (1)	Type of fishing gear and category of boat	PERIOD	QUOTA	Catch landed in Quebec (m.t.) (final figures)	Total catch under this quota (preliminary figures) (5)	% of catch under this quota in Quebec
Greenland halibut	4RST	Fixed gear, boats under 65 feet	January 1st - September 7th	5,500	7,732	7,732	100.00
			September 8th - September 26th	1,200	737	737	100.00
		Mobile gear, boats under 65 feet	January 1st - September 26th	1,100	1,620	1,633	99.20
			September 27th - October 18th	250	207	216	95.83
		Mobile gear, boats of 65 to 100 feet	January 1st - December 31th	800	410	596	68.79
TOTAL: Greenland halibut				8,850	10,706	10,914	98.09
Herring	4S	Fixed gear	January 1st - December 31th	1,000	856	856	100.00
	4T	Fixed gear, boats under 65 feet	**Spring** Zone 16 (C) - January 1st - May 31th	3,000	-	2,999	N/A
			Zones 16 (A) (B) (D) (E) (F) (G) - January 1st - May 31th	4,500	699	6,913	10.11
			Zone 16 - commercial bait and roe fisheries June 1st - June 30th	700	203	354	57.34
			Fall Zone 16 (A) - Isle Verte and Gaspe North	375	156	156	100.00

TABLE 10

FISHING QUOTAS APPLICABLE TO QUEBEC

- 1987 SEASON -

SPECIES	DIVISION (1)	Type of fishing gear and category of boat	PERIOD	QUOTA	Catch landed in Quebec (m.t.) (final figures)	Total catch under this quota (preliminary figures) (5)	% of catch under this quota in Quebec
Herring	**4T**		Zone 16 (D) - Magdalen Islands	125	1	1	100.00
			Zone 16 (B) - Baie-des-Chaleurs	28,500	3,047	31,328	9.73
TOTAL: Herring				38,200	4,962	42,607	11.65
Bluefin tuna	**4T**	Quebec fishermen	August 1st - December 31th	83 (3)	1	1	100.00
Shrimp	**Sept-Iles**	Mobile gear, boats under 100 feet	April 1st - September 7th	3,400	3,301	3,410	96.80
			September 8th - December 31th	1,500	1,353	1,542	87.74
	North Anticosti	Mobile gear, boats under 100 feet	January 1st - December 31th	3,500	1,921	3,428	56.04
	South Anticosti	Mobile gear, boats under 100 feet	January 1st - December 31th	700	418	526	79.47
	Esquiman	Mobile gear, boats under 100 feet	January 1st - December 31th	3,500	3	2,674	0.11
	Estuary	Mobile gear, boats under 100 feet	January 1st - December 31th	500	523	523	100.00
TOTAL: Shrimp				13,100	7,519	12,103	62.13

TABLE 10

FISHING QUOTAS APPLICABLE TO QUEBEC

- 1987 SEASON -

SPECIES	DIVISION (1)	Type of fishing gear and category of boat	PERIOD	QUOTA	Catch landed in Quebec (m.t.) (final figures)	Total catch under this quota (preliminary figures) (5)	% of catch under this quota in Quebec
Snow crabs	4T	Midshore fleet	April 12th - June 20th	26,000	4,890	12,295	39.77
	4S	Inshore fleet - Zone 16 -	April 7th - December 31th	2,500 (2)	1,902	1,902	100.00
		Inshore fleet - Zone 13 - (joint Quebec/Newfoundland zone)	July 13th - December 31th	1,779 (4)	1,423	1,500	94.87
		Inshore fleet - Zone 14 -	July 13th - December 31th	762 (4)	637 (2)	637	100.00
TOTAL: Snow crabs				31,041	8,852	16,334	54.19

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(1) Refers to the divisions of NAFO (North-West Atlantic Fisheries Organization), except in the case of shrimp, for which references are to management areas established by the Department of Fisheries and Oceans.

(2) This quota is set for Quebec fishermen.

(3) This quota is set for Quebec fishermen, and the accounting unit is the number of fish.

(4) This global quota is subdivised into individual quotas.

(5) In this total, the Gulf regions and Newfoundland figures do not constitute final figures.

TABLE 10A

WEEKLY INSHORE CRAB LANDINGS BY ZONE

- 1987 SEASON -

WEEKS	ZONE 13	ZONE 14	ZONE 15	ZONE 16	ZONE 17
March 29 - April 4th	-	-	-	2.05	10.98
April 5th - April 11th	-	-	-	35.31	66.32
April 12th - April 18th	-	-	-	16.49	80.62
April 19th - April 25th	-	-	-	102.56	93.85
April 26th - May 2nd	-	-	-	59.70	91.54
May 3rd - May 9th	-	-	-	140.79	93.34
May 10th - May 16th	-	-	-	128.15	77.48
May 17th - May 23th	-	-	-	148.41	103.79
May 24th - May 30th	-	-	-	214.80	119.58
May 31th - June 6th	-	-	-	103.04	107.88
June 7th - June 13th	-	-	-	112.10	89.03
June 14th - June 20th	-	-	-	100.03	65.39
June 21th - June 27th	-	-	-	145.44	47.72
June 28th - July 4th	-	-	-	64.55	29.60
July 5th - July 11th	-	-	-	82.93	14.22
July 12th - July 18th	119.82	54.59	12.70	36.74	-
July 19th - July 25th	227.63	98.81	30.01	57.54	3.40
July 26th - August 1st	122.75	50.87	34.46	18.24	-
August 2nd - August 8th	202.22	100.11	-	-	-
August 9th - August 15th	170.67	79.35	13.12	-	-
August 16th - August 22th	175.87	77.50	11.02	-	-
August 23th - August 29th	77.21	50.27	7.98	-	-
August 30th - September 5th	58.79	33.64	7.22	1.13	-
September 6th - September 12th	76.39	16.63	4.68	-	-
September 13th - September 19th	70.02	29.83	0.24	42.55	-
September 20th - September 26th	67.37	30.38	-	95.96	-
September 27th - October 3rd	22.48	9.07	-	71.95	-
October 4th - October 10th	18.88	5.99	-	41.33	-
October 11th - October 17th	13.10	0.25	-	55.16	-
October 18th - October 24th	0.33	-	-	-	-
October 25th - October 31th	-	-	-	25.29	-
November 1st - November 7th	-	-	-	-	-
November 8th - November 14th	-	-	-	-	-
November 15th - November 21th	-	-	-	-	-
November 22th - November 28th	-	-	-	-	-
November 29th - December 5th	-	-	-	-	-
December 6th - December 12th	-	-	-	-	-
December 13th - December 19th	-	-	-	-	-
December 20th - December 26th	-	-	-	-	-
Total	1,423.53	637.29	121.43	1,902.24	1,094.74

LANDINGS

IN QUEBEC

Landings in Quebec

Our tables and comments on the subject of landings take in a time base of four years, from 1984 to 1987 inclusive. Presented variations compare 1987 data with those recorded in 1986.

We will begin by examining the years 1986 and 1987 and then highlight trends that have been observed over the last four fishing seasons.

Total fish and seafood landings in 1987 amounted to 97,274 t valued at $126.2 million. These figures represent increases from 1986 of 46.9% in terms of value and 8.1% in terms of volume.

The groundfish group continued to dominate, accounting for 66% of the total catch landed in Quebec. The groundfish contribution was 62% in 1986, meaning that the group gained 4% in terms of overall Quebec landings.

While groundfish ranked a strong first for volume of landings, they generated only about 37% of the total value of landings.

Molluscs and crustaceans, although they made up only 25% of the total volume of Quebec landings in 1987, contributed over 58% of the total value. In 1986, the corresponding figures were 29% for volume and 62% for value. The group's share of overall Quebec landings thus declined by 4% from 1986 to 1987.

Cod, redfish, Greenland halibut and American plaice made up the vast majority of groundfish landings. These species alone accounted for 96% of landings within the group and 63% of total Quebec landings in 1987.

The same species also generated 96% of the value associated with groundfish landings but only 36% of the value of all Quebec landings.

Although 1987 cod landings dropped by 9% from 1986, the species remained in first place for landed volume and contributed 32% of the Quebec total.

Greenland halibut must be cited as a main species that recorded substantial increases in landed volume (71%) and value (177%). Redfish landings, although valued at $3.9 million, ranked second in terms of volume at 14,848 t. In 1986, the species was listed third, at 9,917 t, behind cod and snow crab.

Landings of on the order of 9,039 t were recorded for pelagic and estuarine species in 1987. Herring accounted for 5,640 t, or 62% of the volume total for the group.

Snow crab, shrimp and lobster continued to dominate in terms of volume and value of mollusc and crustacean landings.

The value of snow crab landings in 1987 exceeded $32.6 million, although the volume landed was only 10,172 t, down by 31.1% from 1986.

The shrimp yield continued to grow—from 6,689 t in 1986 to 7,714 t in 1987—generating $18.4 million in 1987.

Lobster landings in 1987 totalled 2,659 t valued at $18.3 million. These figures were up by 17.2 and 35.2% respectively from 1986.

The observed increases in scallop and whelk landings are also worthy of note. The volume of scallops landed rose from 1,171 t in 1986 to 1,977 t valued at $3.1 million.

The volume of whelk landings jumped by 99.4% from 652 to 1,300 t in 1987. The value associated with the species followed suit, rising to $527,000 from $196,000 in 1986.

Landings, 1984 to 1987: Significant progress

Between 1984 and 1987, the total volume of landings rose by 13,397 t to 97,274 t. Over the same period, the value of landings grew by more than 100% from $56.5 million to $126.2 million.

It must be noted, however, that these increases were not necessarily steady or applicable to all species caught and landed in Quebec. A number of species have recorded successive rises and falls, particularly with respect to landed volume.

The species that made steady progress over the four years include American plaice, Greenland halibut, herring, lobster and shrimp.

Greenland halibut stood out for the size of its repeated increases, which brought the volume of landings from 1,510 t in 1984 to 10,673 t in 1987. The size of the catch rose by 508 t between 1984 and 1985 and then, much more rapidly, by 4,223 t between 1985 and 1986 and 4,432 t between 1986 and 1987.

Lobster and shrimp were top performers in terms of increases in value rather than volume. Between 1984 and 1987, the value associated with lobster landings climbed from $9.4 million to $18.3 million, hitting $11.4 million in 1985 and $13.6 million in 1986.

Shrimp experienced the same trend, starting at $7.0 million in 1984 and then rising to $8.8 million in 1985, $11.5 million in 1986 and finally $18.4 million in 1987.

In contrast, cod, redfish, mackerel and scallops went through a series of rises and falls that could be described in general terms as making a sawtooth pattern, whether we examine the volume and/or value of landings.

Snow crab exhibited a particular trend: a gradual decrease in landed volume from 1985 on, following an increase between the 1984 and 1985 fishing seasons. Meanwhile, the value of landings continued to rise, growing from $15.3 million in 1984 to $17.5 million in 1985, $26.1 million in 1986 and finally $32.6 million in 1987.

TABLE 11

LANDINGS IN QUEBEC

(Quantity in rounded metric tons, live weight)

(Value in thousands of dollars)

SPECIES	1984		1985		1986		1987		Var. in %	
	Quantity	Value	Quantity	Value	Quantity	Value	Quantity	Value	Quantity	Value
Cod	37,573	14,688	41,865	18,319	34,274	17,169	31,189	23,457	-9.0	36.6
Haddock	10	6	22	15	97	78	31	32	-68.0	-59.0
Redfish	13,855	3,153	9,268	2,062	9,917	2,409	14,848	3,931	49.7	63.2
Atlantic Halibut	67	188	132	419	206	540	156	445	-24.3	-17.6
American Plaice	2,290	814	3,042	1,247	3,571	2,013	4,739	3,922	32.7	94.8
Greysole	162	163	357	296	481	445	645	677	34.1	52.1
Winter Flounder	138	49	65	40	442	269	384	256	-13.1	-4.8
Unspecified Flounders	65	22	3	1	-	-	-	-	N/A	N/A
Greenland Halibut	1,510	884	2,018	1,278	6,241	4,994	10,673	13,854	71.0	177.4
White Hake	485	126	346	70	470	96	723	330	53.8	243.8
Catfish	26	8	20	5	67	15	75	27	11.9	80.0
Other groundfish	9	3	158	80	100	52	292	137	192.0	163.5
Total groundfish	**56,190**	**20,104**	**57,296**	**23,832**	**55,865**	**28,082**	**63,755**	**47,068**	**14.1**	**67.6**
Herring	2,888	660	3,342	878	3,860	1,027	5,640	1,499	46.1	46.0
Mackerel	2,231	682	2,178	643	3,004	840	2,753	733	-8.4	-12.7
Tuna, Bluefin	12	26	3	8	2	6	•	1	N/A	-83.3
Eels	302	780	344	1,136	318	1,461	396	1,799	24.5	23.1
Salmon	65	411	78	598	89	587	110	767	23.6	30.7
Smelts	48	34	76	73	53	46	24	51	-54.7	10.9
Capelin	180	12	345	72	227	47	67	52	-70.5	10.6
Other pelagic and estuarian species	6	9	60	235	73	209	49	104	-32.9	-50.2
Total pelagic and estuarian species	**5,732**	**2,614**	**6,426**	**3,643**	**7,625**	**4,222**	**9,039**	**5,006**	**18.5**	**18.6**
Soft Shell Clams	299	226	722	457	820	615	465	579	-43.3	-5.9
Quahaugs Clams	29	29	15	15	64	45	40	45	-37.5	0.0
Mussels	4	3	5	5	15	27	22	24	46.7	-11.1
Scallops	1,102	1,618	1,304	1,832	1,171	1,583	1,977	3,079	68.8	94.5
Winkles	305	94	160	63	652	196	1,300	527	99.4	168.9
Lobsters	1,875	9,357	2,137	11,433	2,268	13,569	2,659	18,349	17.2	35.2
Shrimp	5,278	6,990	6,539	8,764	6,689	11,463	7,714	18,420	15.3	60.7
Snow Crabs	12,766	15,344	15,301	17,495	14,761	26,057	10,172	32,646	-31.1	25.3
Other mollusc and crustacean	291	155	283	149	6	4	16	10	166.7	150.0
Total mollusc and crustacean	**21,949**	**33,816**	**26,466**	**40,213**	**26,445**	**53,558**	**24,365**	**73,679**	**-7.9**	**37.6**
Other items	6	3	1	1	35	42	115	444	228.6	N/A
Total	**83,877**	**56,537**	**90,189**	**67,689**	**89,970**	**85,903**	**97,274**	**126,197**	**8.1**	**46.9**

FIGURE 28

Landings of particular species in Quebec from 1984 to 1987

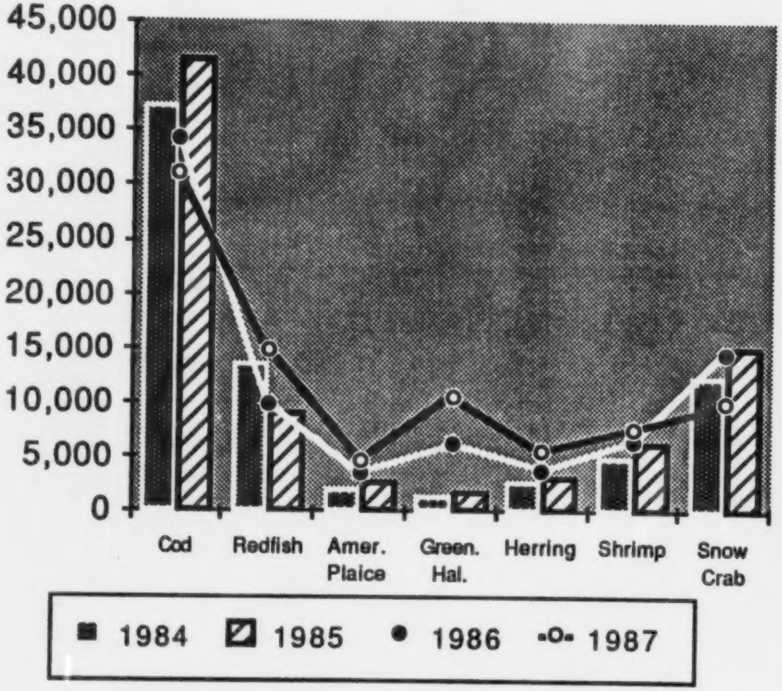


FIGURE 29

Value of particular species landed in Quebec from 1984 to 1987

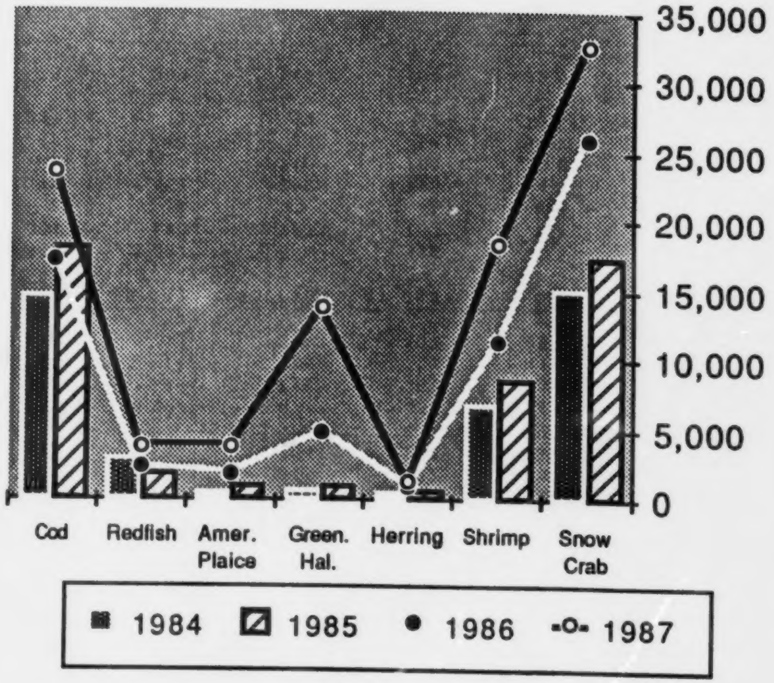


FIGURE 30

Landings in Quebec from 1984 to 1987, by species group

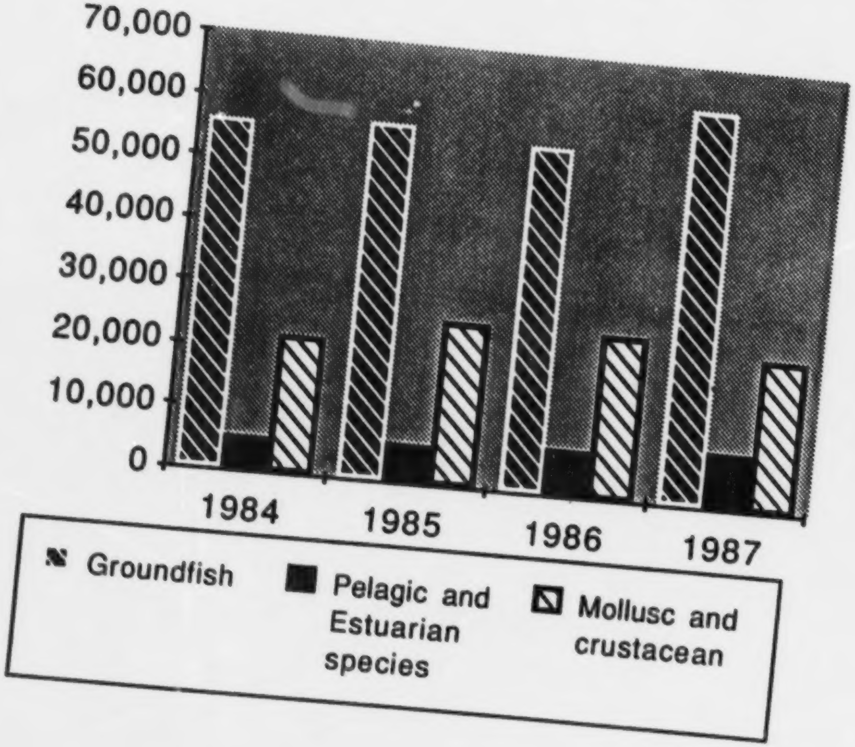


FIGURE 31

Landed value in Quebec from 1984 to 1987, by species group

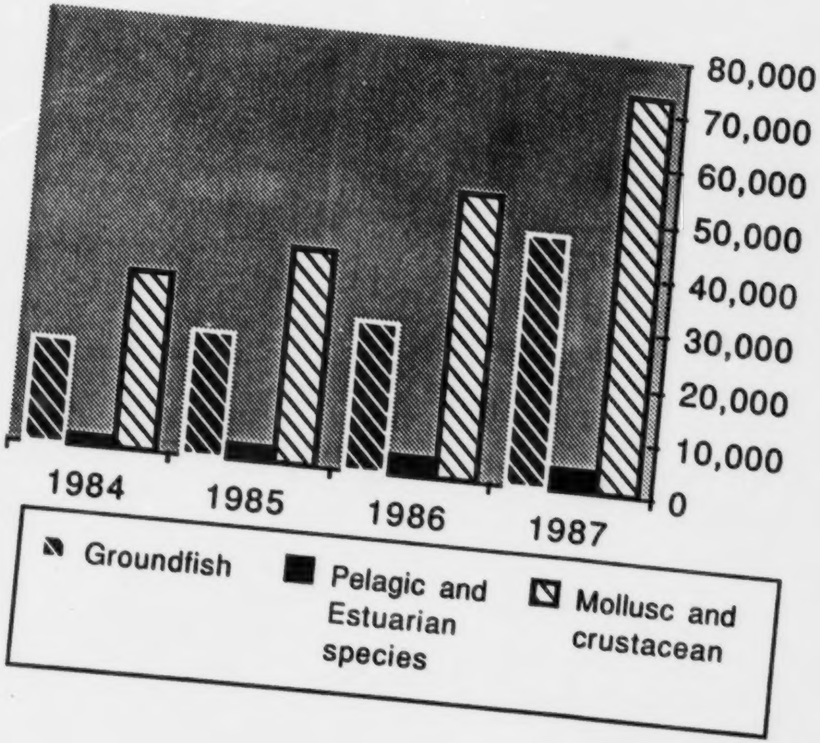


FIGURE 32

Landings in Quebec, by boat length in 1987

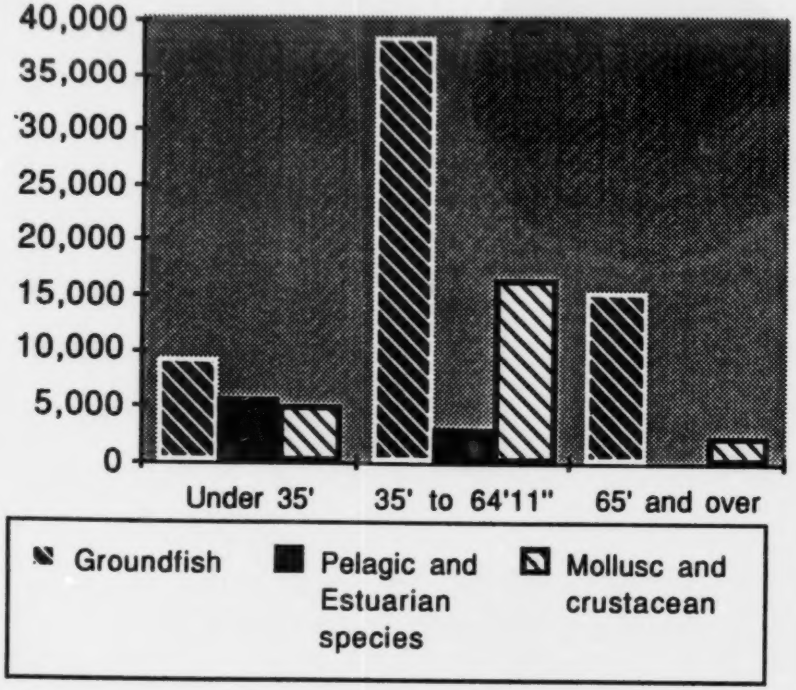


FIGURE 33

Landed value in Quebec, by boat length in 1987

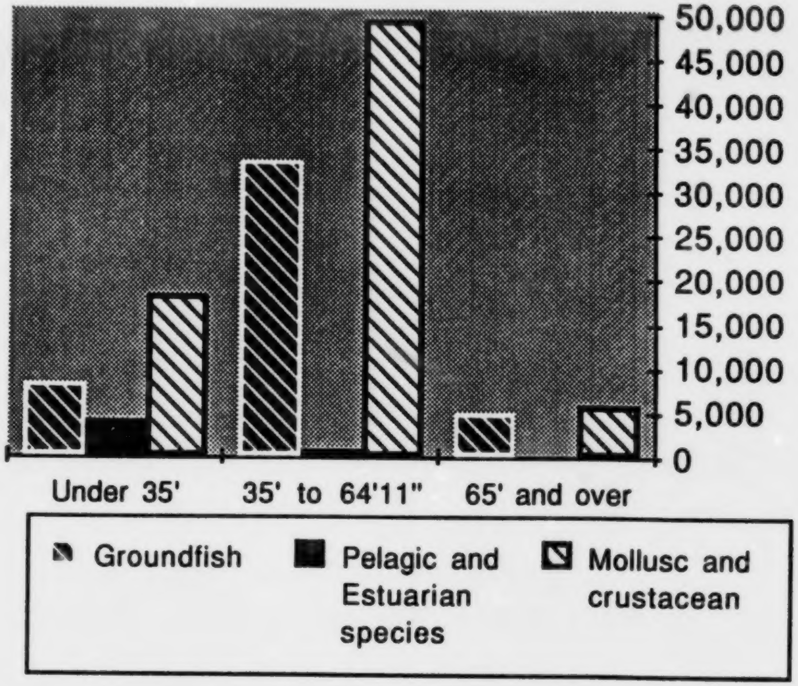


FIGURE 34

Distribution of landings in Quebec, by boat length in 1987

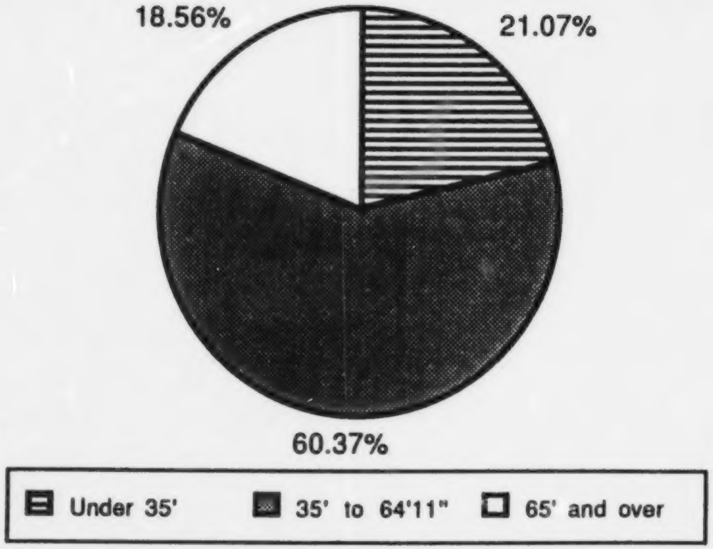
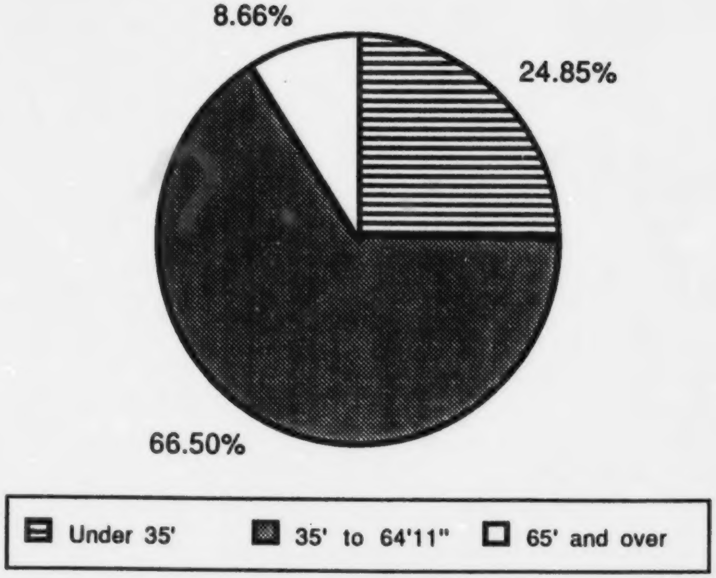


FIGURE 35

Distribution of landed value in Quebec, by boat length in 1987



Landings by vessel length category

QUEBEC

From year to year, the fleet of vessels 35' to 64'11" continued to account for the largest volume of fish and seafood landings. This fleet, while it is far from being the most numerous, brought in 57, 63, 63 and 60% of the volume of Quebec landings in the years 1984 through 1987. Its share of the value of landings was slightly higher—61, 62, 65 and 67%—in the same years. Note that the number of vessels in the 35' to 64'11" fleet was 588 in 1986 and 594 in 1987.

The fleet of vessels under 35' was the largest. It was made up of 2,115 boats in 1986 and 2,249 in 1987. Over the period from 1984 to 1987, this fleet accounted for 23% of landings in the first year and 21% in the three years following. Its share of the value of landings was relatively higher: 28% in 1984 and 1985 and 25% in 1986 and 1987.

The over 65' fleet took in a much smaller number of vessels: 27 in 1986 and 28 in 1987. From 1984 to 1987, this fleet generated 16 to 20% of the volume of landings and 8 to 11% of the associated total value.

TABLE 11A

LANDINGS IN QUEBEC BY VESSELS UNDER 35' - 1984 TO 1987

(Quantity in rounded metric tons, live weight)

(Value in thousands of dollars)

SPECIES	1984		1985		1986		1987		Var. in %	
	Quantity	Value	Quantity	Value	Quantity	Value	Quantity	Value	Quantity	Value
Cod	9,893	3,922	9,642	3,996	6,860	3,619	6,561	5,397	-4.4	49.1
Haddock	-	-	1	1	7	6	5	5	-28.6	-16.7
Redfish	21	6	20	6	15	5	114	68	N/A	N/A
Atlantic Halibut	28	93	72	274	68	206	68	228	0.0	10.7
American Plaice	706	245	871	309	758	382	737	515	-2.8	34.8
Greysole	6	3	3	1	3	2	8	8	166.7	300.0
Winter Flounder	65	18	6	7	161	102	200	139	24.2	36.3
Unspecified Flounders	3	1	•	•	-	-	-	-	N/A	N/A
Greenland Halibut	134	115	309	199	742	605	1,420	1,833	91.4	203.0
White Hake	120	29	109	21	149	28	295	147	98.0	425.0
Catfish	•	•	2	1	8	2	7	2	-12.5	0.0
Other groundfish	3	2	5	3	18	10	43	24	138.9	140.0
Total groundfish	**10,979**	**4,434**	**11,040**	**4,818**	**8,789**	**4,967**	**9,458**	**8,366**	**7.6**	**68.4**
Herring	2,345	559	1,975	522	2,588	719	3,110	842	20.2	17.1
Mackerel	1,697	525	1,544	462	2,268	643	2,067	552	-8.9	-14.2
Tuna, Bluefin	2	5	1	2	•	1	•	1	N/A	0.0
Eels	302	778	344	1,136	318	1,461	394	1,795	23.9	22.9
Salmon	64	408	78	598	88	584	110	767	25.0	31.3
Smelts	48	34	76	73	53	46	23	50	-56.6	8.7
Capelin	180	12	343	71	227	46	66	52	-70.9	13.0
Other pelagic and estuarian species	7	10	57	232	69	207	48	105	-30.4	-49.3
Total pelagic and estuarian species	**4,645**	**2,331**	**4,418**	**3,096**	**5,611**	**3,707**	**5,818**	**4,164**	**3.7**	**12.3**
Soft Shell Clams	299	226	722	457	820	615	465	579	-43.3	-5.9
Quahaugs Clams	30	29	15	15	64	45	40	45	-37.5	0.0
Mussels	4	3	5	5	15	27	22	24	46.7	-11.1
Scallops	363	493	490	691	439	621	700	1,117	59.5	79.9
Winkles	302	93	147	58	581	172	1,154	459	98.6	166.9
Lobsters	1,440	7,236	1,620	8,690	1,670	10,037	1,961	13,467	17.4	34.2
Shrimp	30	44	21	33	22	38	11	29	-50.0	-23.7
Snow Crabs	528	708	537	668	656	1,178	755	2,717	15.1	130.6
Other mollusc and crustacean	290	154	282	150	6	3	14	7	133.3	133.3
Total mollusc and crustacean	**3,286**	**8,986**	**3,839**	**10,767**	**4,273**	**12,736**	**5,122**	**18,444**	**19.9**	**44.8**
Other items	6	3	•	•	31	36	99	383	219.4	N/A
Total	**18,916**	**15,754**	**19,297**	**18,681**	**18,704**	**21,446**	**20,497**	**31,357**	**9.6**	**46.2**

FIGURE 36

Landings in Quebec for the 35' and under from 1984 to 1987 by species group

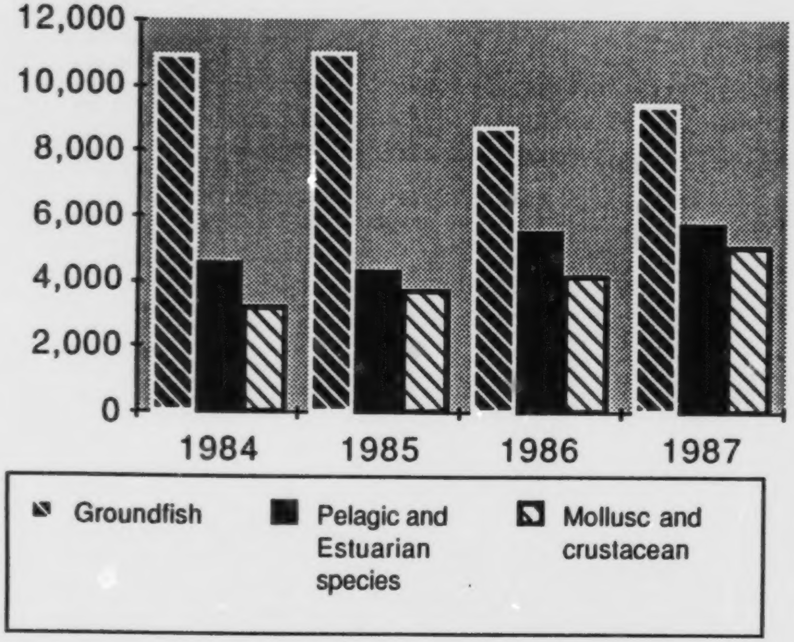


FIGURE 37

Landed value in Quebec for the 35' and under from 1984 to 1987 by species group

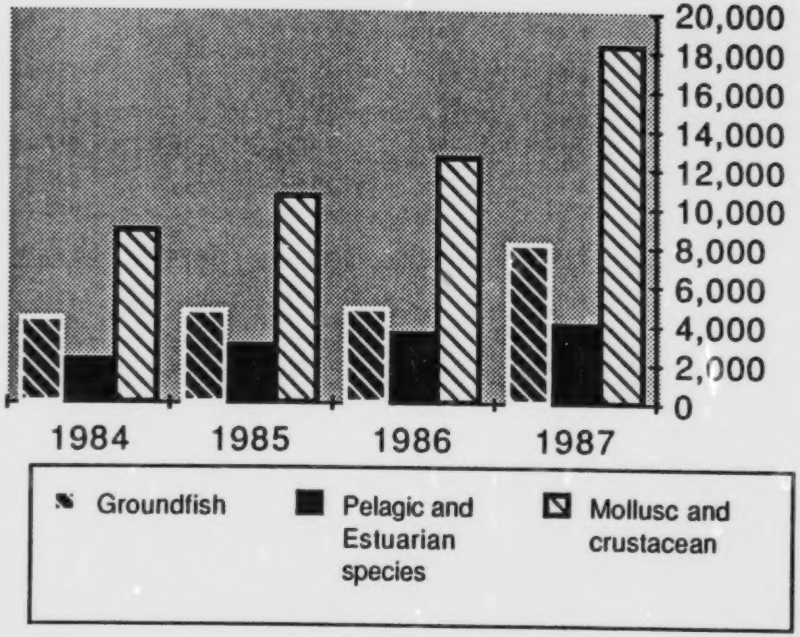


FIGURE 38

Sector-based distribution of landings in Quebec for the 35' and under in 1987

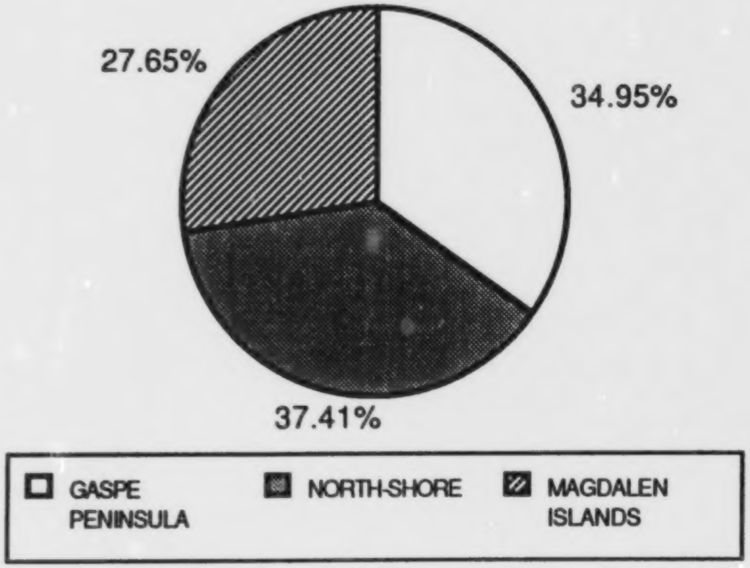


FIGURE 39

Sector-based distribution of landed value in Quebec for the 35' and under in 1987

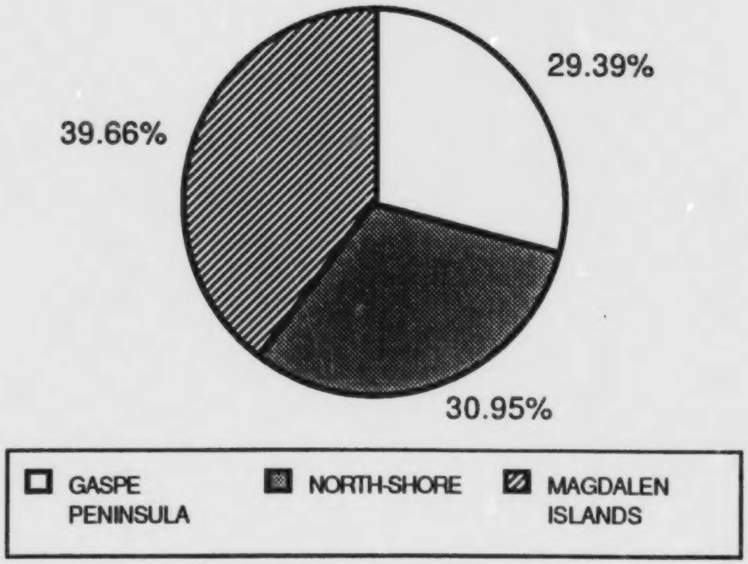


TABLE 11B

LANDINGS IN QUEBEC BY VESSELS 35' TO 64'11"- 1984 TO 1987

(Quantity in rounded metric tons, live weight)

(Value in thousands of dollars)

SPECIES	1984		1985		1986		1987		Var. in %	
	Quantity	Value	Quantity	Value	Quantity	Value	Quantity	Value	Quantity	Value
Cod	26,496	10,359	30,606	13,676	25,503	12,718	22,786	16,846	-10.7	32.5
Haddock	10	6	21	14	90	73	26	25	-71.1	-65.8
Redfish	818	223	394	106	475	171	1,561	712	228.6	316.4
Atlantic Halibut	34	79	49	113	122	297	73	188	-40.2	-36.7
American Plaice	1,533	552	2,023	870	2,598	1,512	3,841	3,295	47.8	117.9
Greysole	153	160	353	295	474	441	626	659	32.1	49.4
Winter Flounder	74	31	59	34	281	167	184	117	-34.5	-29.9
Unspecified Flounders	59	19	2	1	-	-	-	-	N/A	N/A
Greenland Halibut	1,210	702	1,489	991	5,166	4,178	8,849	11,545	71.3	176.3
White Hake	365	98	236	49	319	69	426	183	33.5	165.2
Catfish	25	7	19	5	56	13	68	25	21.4	92.3
Other groundfish	5	1	151	78	71	41	246	112	246.5	173.2
Total groundfish	**30,782**	**12,237**	**35,402**	**16,232**	**35,155**	**19,680**	**38,686**	**33,707**	**10.0**	**71.3**
Herring	543	102	1,366	355	1,272	308	2,530	657	98.9	113.3
Mackerel	534	158	635	182	737	198	685	181	-7.1	-8.6
Tuna, Bluefin	10	22	2	6	1	4	-	-	N/A	N/A
Eels	-	-	-	-	-	-	2	4	N/A	N/A
Salmon	•	2	•	•	1	3	•	1	N/A	-66.7
Smelts	-	-	-	-	-	-	2	1	N/A	N/A
Capelin	-	-	2	•	-	-	•	•	N/A	N/A
Other pelagic and estuarian species	•	•	4	3	3	2	3	1	0.0	-50.0
Total pelagic and estuarian species	**1,087**	**284**	**2,009**	**546**	**2,014**	**515**	**3,222**	**845**	**60.0**	**64.1**
Soft Shell Clams	-	-	•	•	-	-	-	-	N/A	N/A
Quahaugs Clams	-	-	-	-	-	-	-	-	N/A	N/A
Mussels	-	-	-	-	-	-	-	-	N/A	N/A
Scallops	739	1,125	814	1,141	732	962	1,277	1,961	74.5	103.8
Winkles	2	1	14	5	70	24	146	68	108.6	183.3
Lobsters	435	2,121	517	2,743	598	3,532	697	4,882	16.6	38.2
Shrimp	3,407	4,520	4,048	5,499	4,412	7,549	5,483	13,212	24.3	75.0
Snow Crabs	11,773	14,032	13,961	15,952	13,547	23,856	9,203	29,200	-32.1	22.4
Other mollusc and crustacean	-	-	-	-	•	•	1	1	N/A	N/A
Total mollusc and crustacean	**16,356**	**21,799**	**19,354**	**25,340**	**19,359**	**35,923**	**16,807**	**49,324**	**-13.2**	**37.3**
Other items	-	-	1	1	4	5	17	61	325.0	N/A
Total	**48,225**	**34,320**	**56,766**	**42,119**	**56,532**	**56,123**	**58,732**	**83,937**	**3.9**	**49.6**

FIGURE 40

Landings in Quebec for the 35' to 64'11" from 1984 to 1987 by species group

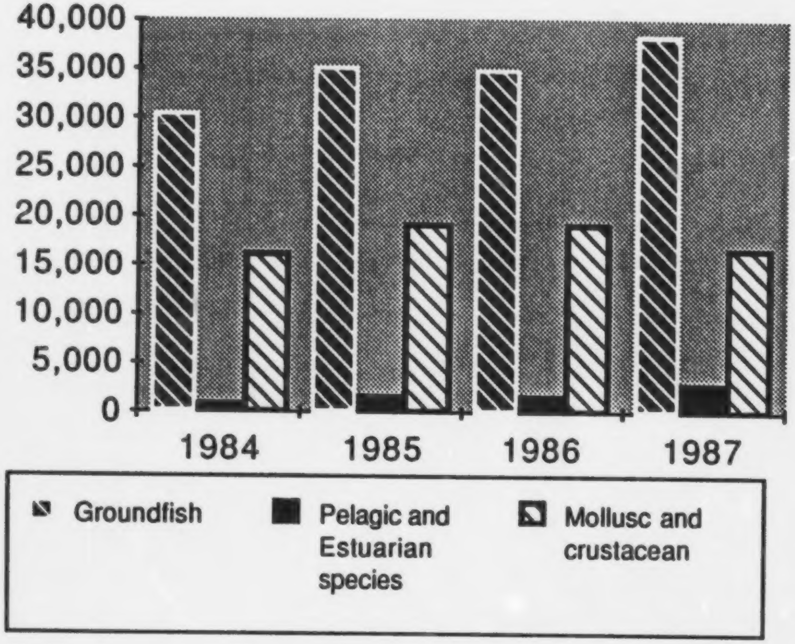


FIGURE 41

Landed value in Quebec for the 35' to 64'11" from 1984 to 1987 by species group

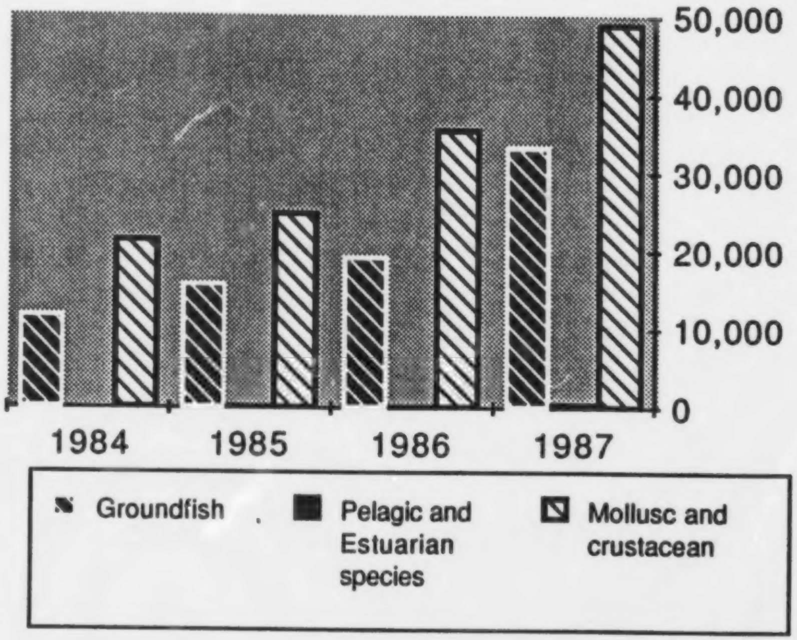


FIGURE 42

Sector-based distribution of landings in Quebec for the 35' to 64'11" in 1987

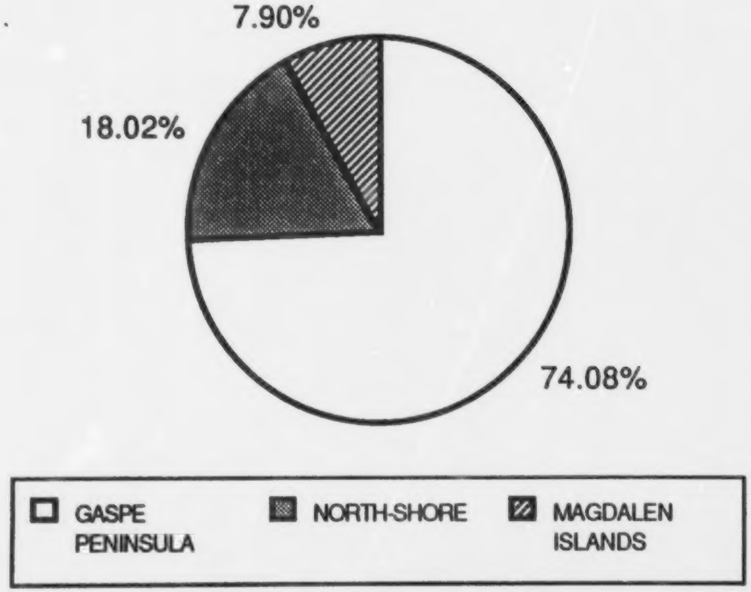


FIGURE 43

Sector-based distribution of landed value in Quebec for the 35' to 64'11" in 1987

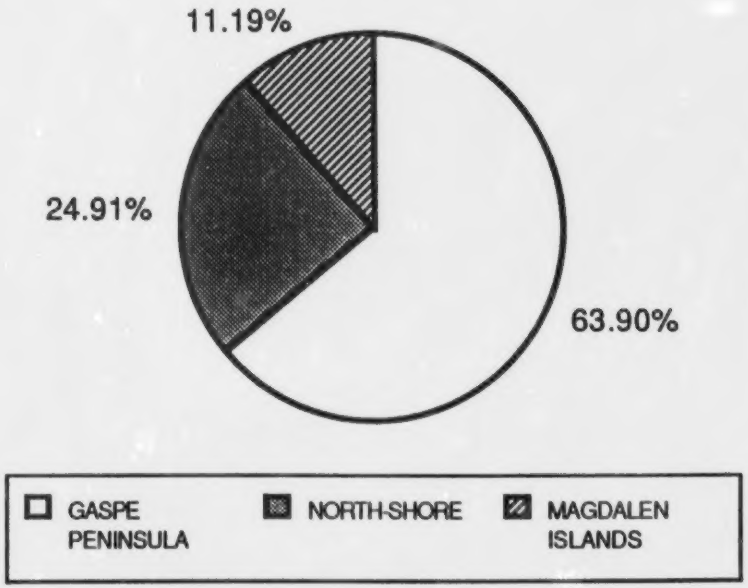


TABLE 11C

LANDINGS IN QUEBEC BY VESSELS 65' AND OVER - 1984 TO 1987

(Quantity in rounded metric tons, live weight)

(Value in thousands of dollars)

SPECIES	1984 Quantity	1984 Value	1985 Quantity	1985 Value	1986 Quantity	1986 Value	1987 Quantity	1987 Value	Var. in % Quantity	Var. in % Value
Cod	1,184	408	1,617	646	1,910	833	1,842	1,214	-3.6	45.7
Haddock	-	-	•	•	•	•	1	1	N/A	N/A
Redfish	13,016	2,924	8,855	1,949	9,427	2,232	13,174	3,151	39.7	41.2
Atlantic Halibut	5	16	11	32	15	36	15	30	0.0	-16.7
American Plaice	52	17	149	67	216	119	161	112	-25.5	-5.9
Greysole	3	1	1	•	4	3	10	10	150.0	233.3
Winter Flounder	•	•	-	-	-	-	-	-	N/A	N/A
Unspecified Flounders	3	1	-	-	-	-	-	-	N/A	N/A
Greenland Halibut	166	67	220	88	333	211	403	475	21.0	125.1
White Hake	-	-	-	-	1	•	2	1	100.0	N/A
Catfish	•	•	-	-	3	•	•	•	N/A	N/A
Other groundfish	•	•	-	-	12	1	3	1	-75.0	0.0
Total groundfish	**14,429**	**3,434**	**10,853**	**2,782**	**11,921**	**3,435**	**15,611**	**4,995**	**31.0**	**45.4**
Herring	-	-	-	-	-	-	-	-	N/A	N/A
Mackerel	-	-	-	-	-	-	-	-	N/A	N/A
Tuna, Bluefin	-	-	-	-	-	-	-	-	N/A	N/A
Eels	-	-	-	-	-	-	-	-	N/A	N/A
Salmon	-	-	-	-	-	-	-	-	N/A	N/A
Smelts	-	-	-	-	-	-	-	-	N/A	N/A
Capelin	-	-	-	-	-	-	-	-	N/A	N/A
Other pelagic and estuarian species	-	-	-	-	-	-	-	-	N/A	N/A
Total pelagic and estuarian species	-	-	-	-	-	-	-	-	**N/A**	**N/A**
Soft Shell Clams	-	-	-	-	-	-	-	-	N/A	N/A
Quahaugs Clams	-	-	-	-	-	-	-	-	N/A	N/A
Mussels	-	-	-	-	-	-	-	-	N/A	N/A
Scallops	-	-	-	-	-	-	-	-	N/A	N/A
Winkles	-	-	-	-	-	-	-	-	N/A	N/A
Lobsters	-	-	-	-	-	-	-	-	N/A	N/A
Shrimp	1,841	2,425	2,470	3,232	2,255	3,877	2,220	5,179	-1.6	33.6
Snow Crabs	466	604	803	875	558	1,022	214	729	-61.6	-28.7
Other mollusc and crustacean	-	-	-	-	-	-	-	-	N/A	N/A
Total mollusc and crustacean	**2,307**	**3,029**	**3,273**	**4,107**	**2,813**	**4,899**	**2,434**	**5,908**	**-13.5**	**20.6**
Other items	-	-	-	-	-	-	-	-	N/A	N/A
Total	**16,736**	**6,463**	**14,126**	**6,889**	**14,734**	**8,334**	**18,045**	**10,903**	**22.5**	**30.8**

FIGURE 44

Landings in Quebec for the 65' and over from 1984 to 1987 by species group

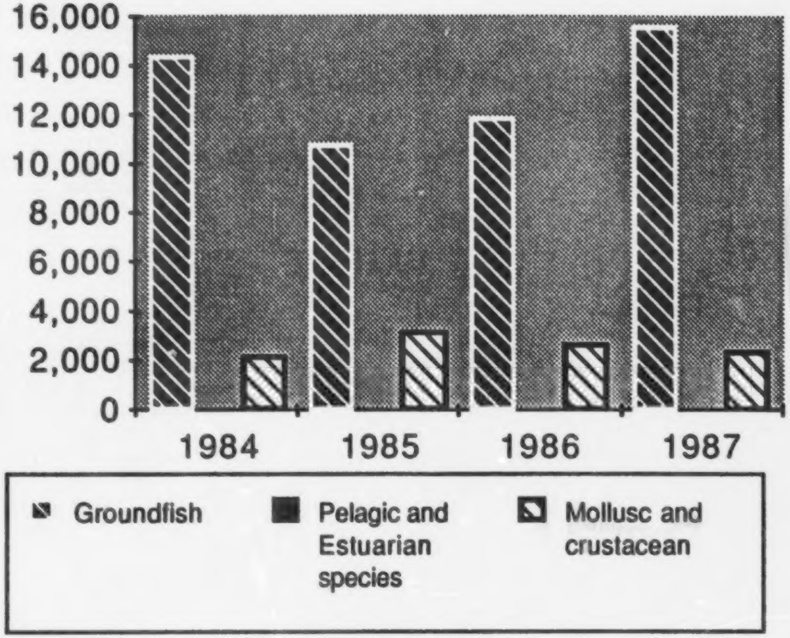


FIGURE 45

Landed value in Quebec for the 65' and over from 1984 to 1987 by species group

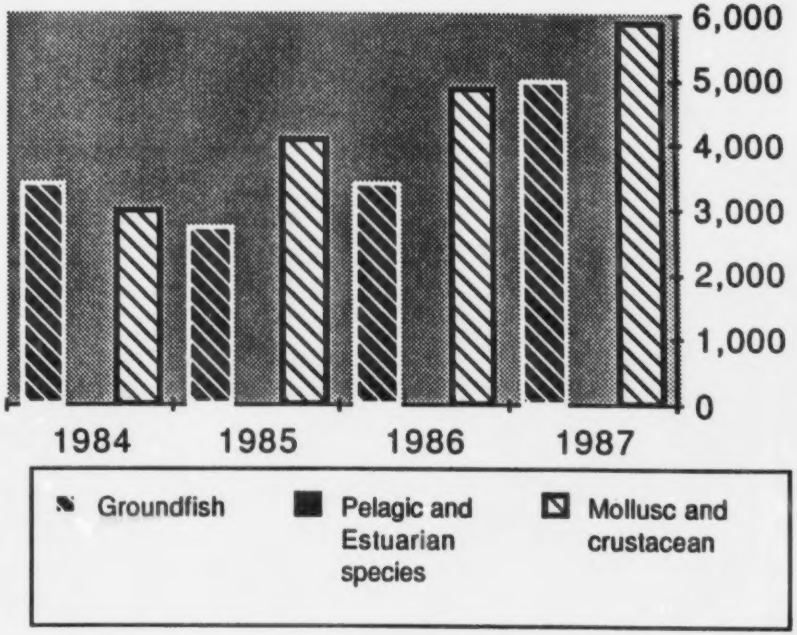


FIGURE 46

Sector-based distribution of landings in Quebec for the 65' and over in 1987

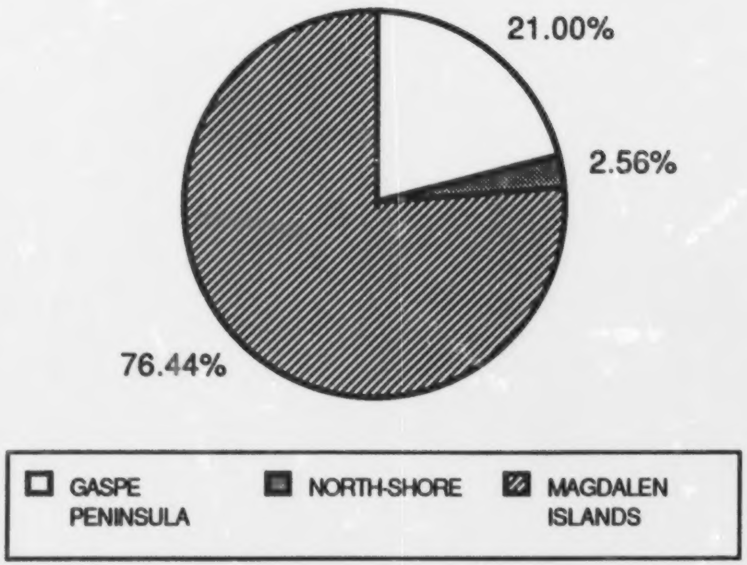
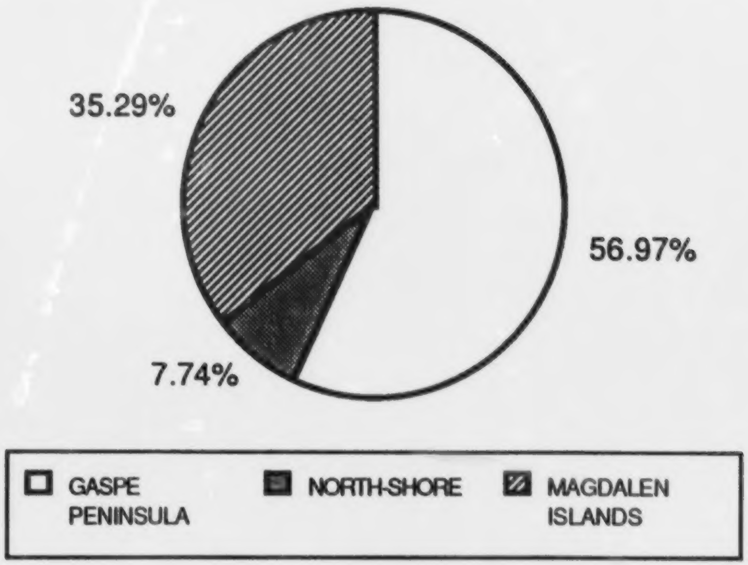


FIGURE 47

Sector-based distribution of landed value in Quebec for the 65' and over in 1987



Analysis of monthly landings

The monthly landings tables show a high concentration of activities in May and June, although volumes of over 10,000 t were maintained from May through September inclusive. Note that over 80% of Quebec landings took place over the same five-month period, for which the monthly average was 16,419 t. The monthly average figure of 8,106 t for the full year was influenced by the small volumes recorded in January, February, March and December. If we disregard these four months, we arrive at an average of 12,017 t, or 3,911 t above the full-year average.

The cycle of the main species necessarily followed the general trend; this can be seen by taking the example of groundfish and crustacean landings. June, August and May were the months in which the highest volumes of landings were recorded. From May to September, groundfish represented between 58 and 75% of landed volume. The proportion reached 75% in July and hovered around 60% in May, June and September.

Mollusc and crustacean landings took place primarily in May and June, when over 50% of the total volume for these species was landed--27% in May and 25% in June.

Pelagic and estuarine species do not follow exactly the same cycle as the two preceding species groups. August and September are months of intensive activity in this fishery and account for 61% of pelagic and estuarine species landings.

With regard to value of landings, we note that over 50% of the total wasrecorded in the months of May and June, although levels that could be described as relatively high were maintained from April through September. Understandably, the months where the value of landings was relatively high were those in which a large proportion of mollusc and crustacean landings was registered.

TABLE 12

MONTHLY LANDINGS IN QUEBEC BY SPECIES, 1987 SEASON, ALL ADMINISTRATIVE SECTORS

(Quantity in rounded metric tons, live weight)

SPECIES	January	February	March	April	May	June
Cod	•	-	2	996	8,161	6,417
Haddock	-	-	-	1	9	5
Redfish	-	-	-	30	986	2,487
Atlantic Halibut	-	-	1	9	26	38
American Plaice	-	-	2	247	574	861
Greysole	-	-	-	9	119	137
Winter Flounder	-	-	-	6	34	107
Unspecified Flounders	-	-	-	-	-	-
Greenland Halibut	-	-	•	543	1,388	1,918
White Hake	-	-	-	•	27	84
Catfish	-	-	-	•	20	22
Other groundfish	-	-	-	•	6	46
Total groundfish	**•**	**-**	**5**	**1,841**	**11,350**	**12,122**
Herring	-	-	11	210	1,066	674
Mackerel	-	-	-	-	109	322
Tuna, Bluefin	-	-	-	-	-	-
Eels	-	-	-	2	•	•
Salmon	•	-	-	-	1	71
Smelts	2	3	1	2	1	•
Capelin	-	-	-	30	33	3
Other pelagic and estuarian species	-	-	-	1	7	9
Total pelagic and estuarian species	**2**	**3**	**12**	**245**	**1,217**	**1,079**
Soft Shell Clams	4	1	40	205	82	22
Quahaugs Clams	-	-	-	2	1	1
Mussels	•	-	•	2	•	1
Scallops	-	-	2	107	284	368
Winkles	-	-	1	13	188	260
Lobsters	-	-	•	68	948	1,331
Shrimp	-	-	99	1,289	1,358	1,569
Snow Crabs	-	-	-	771	3,609	2,638
Other mollusc and crustacean	-	-	-	•	2	13
Total mollusc and crustacean	**4**	**1**	**142**	**2,457**	**6,472**	**6,203**
Other items	-	-	-	-	32	77
Total	**6**	**4**	**159**	**4,543**	**19,071**	**19,481**

TABLE 12

MONTHLY LANDINGS IN QUEBEC BY SPECIES, 1987 SEASON, ALL ADMINISTRATIVE SECTORS

(Quantity in rounded metric tons, live weight)

July	August	September	October	November	December	Total
3,749	5,303	2,678	2,645	1,154	84	31,189
2	5	1	6	2	-	31
3,010	2,251	2,299	2,068	843	874	14,848
19	38	13	11	•	-	155
748	998	680	483	146	-	4,739
115	155	77	31	2	-	645
82	40	60	48	8	-	385
-	-	-	-	-	-	-
2,580	2,773	1,320	149	1	-	10,672
108	296	120	83	5	1	724
12	12	4	5	•	-	75
66	41	40	74	16	3	292
10,491	11,912	7,292	5,603	2,177	962	63,755
159	1,720	1,710	91	-	-	5,641
166	717	1,310	129	-	-	2,753
-	•	-	-	-	-	-
1	1	59	321	11	1	396
36	2	-	-	-	-	110
•	3	4	5	2	1	24
-	-	-	-	-	-	66
7	16	5	4	•	-	49
369	2,459	3,088	550	13	2	9,039
47	25	9	20	9	1	465
4	26	4	2	•	-	40
8	8	•	2	•	-	21
389	302	309	197	19	-	1,977
269	306	192	71	1	-	1,301
298	8	2	2	-	-	2,657
861	943	991	603	1	1	7,715
1,240	1,087	595	233	-	-	10,173
1	-	-	•	-	-	16
3,117	2,705	2,102	1,130	30	2	24,365
6	-	-	-	-	-	115
13,983	17,076	12,482	7,283	2,220	966	97,274

TABLE 12A

MONTHLY LANDINGS IN QUEBEC BY SPECIES, 1987 SEASON, ALL ADMINISTRATIVE SECTORS

(Value in thousands of dollars)

SPECIES	January	February	March	April	May	June
Cod	•	-	1	713	5,832	4,705
Haddock	-	-	-	1	8	5
Redfish	-	-	-	11	275	702
Atlantic Halibut	-	-	3	20	60	97
American Plaice	-	-	1	187	381	679
Greysole	-	-	-	8	155	135
Winter Flounder	-	-	-	4	26	69
Unspecified Flounders	-	-	-	-	-	-
Greenland Halibut	-	-	•	563	1,719	2,602
White Hake	-	-	-	-	9	30
Catfish	-	-	-	•	7	8
Other groundfish	-	-	-	1	3	21
Total groundfish	•	-	5	1,508	8,475	9,053
Herring	-	-	3	66	273	162
Mackerel	-	-	-	-	30	87
Tuna, Bluefin	-	-	-	-	-	-
Eels	-	-	-	7	1	1
Salmon	•	-	-	-	10	549
Smelts	8	7	2	4	1	•
Capelin	-	-	-	26	23	3
Other pelagic and estuarian species	-	-	-	1	12	32
Total pelagic and estuarian species	8	7	5	104	350	834
Soft Shell Clams	3	2	27	331	68	31
Quahaugs Clams	-	-	-	2	1	1
Mussels	•	-	•	2	•	1
Scallops	-	-	3	170	453	571
Winkles	-	-	1	6	74	121
Lobsters	-	-	1	454	6,495	9,237
Shrimp	-	-	248	3,265	3,459	4,008
Snow Crabs	-	-	-	2,332	11,966	8,819
Other mollusc and crustacean	-	-	-	•	3	4
Total mollusc and crustacean	3	2	280	6,562	22,519	22,793
Other items	-	-	-	-	121	301
Total	11	9	290	8,174	31,465	32,981

TABLE 12A

MONTHLY LANDINGS IN QUEBEC BY SPECIES, 1987 SEASON,

ALL ADMINISTRATIVE SECTORS

(Value in thousands of dollars)

July	August	September	October	November	December	Total
2,997	4,088	2,122	2,140	839	20	23,457
2	6	1	7	2	-	32
858	626	549	550	165	196	3,932
57	132	41	34	1	-	445
613	994	548	400	119	-	3,922
124	161	67	26	1	-	677
51	24	43	34	5	-	256
-	-	-	-	-	-	-
3,757	3,611	1,450	152	1	-	13,855
40	150	57	41	2	•	329
4	4	1	2	•	-	26
31	23	21	30	7	•	137
8,534	9,819	4,900	3,416	1,142	216	47,068
51	445	468	32	-	-	1,500
50	188	343	35	-	-	733
-	1	-	-	-	-	1
1	2	248	1,489	49	1	1,799
198	10	-	-	-	-	767
•	7	9	9	3	1	51
-	-	-	-	-	-	52
21	17	10	10	•	-	103
321	670	1,078	1,575	52	2	5,006
46	35	13	16	6	1	579
4	28	5	3	1	-	45
9	9	•	2	•	-	23
584	471	492	305	29	-	3,078
102	120	76	28	•	-	528
2,067	62	18	15	-	-	18,349
2,181	2,109	1,959	1,189	2	2	18,422
3,740	3,073	1,881	836	-	-	32,647
1	-	-	•	-	-	8
8,734	5,907	4,444	2,394	38	3	73,679
22	-	-	-	-	-	444
17,611	16,396	10,422	7,385	1,232	221	126,197

FIGURE 48

Monthly evolution of landings in Quebec, by species group in 1987

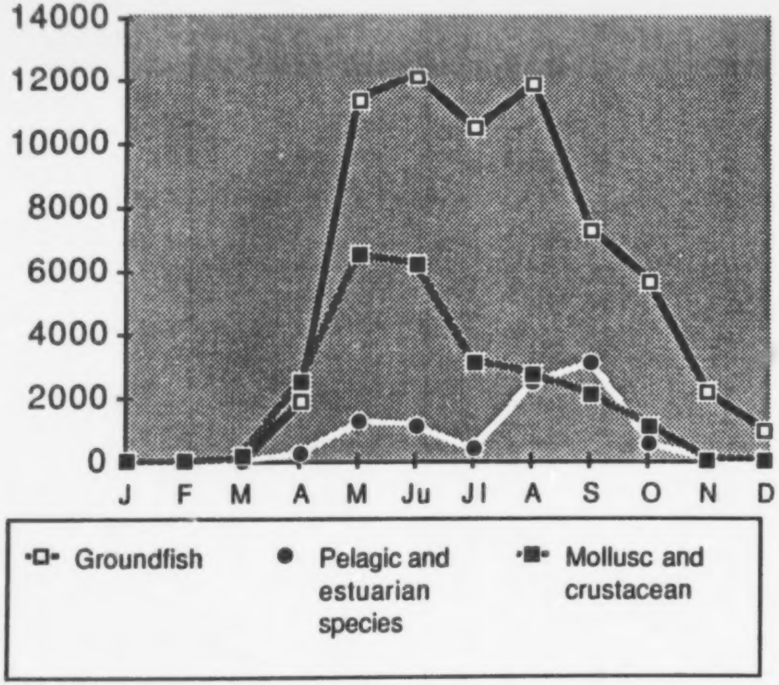
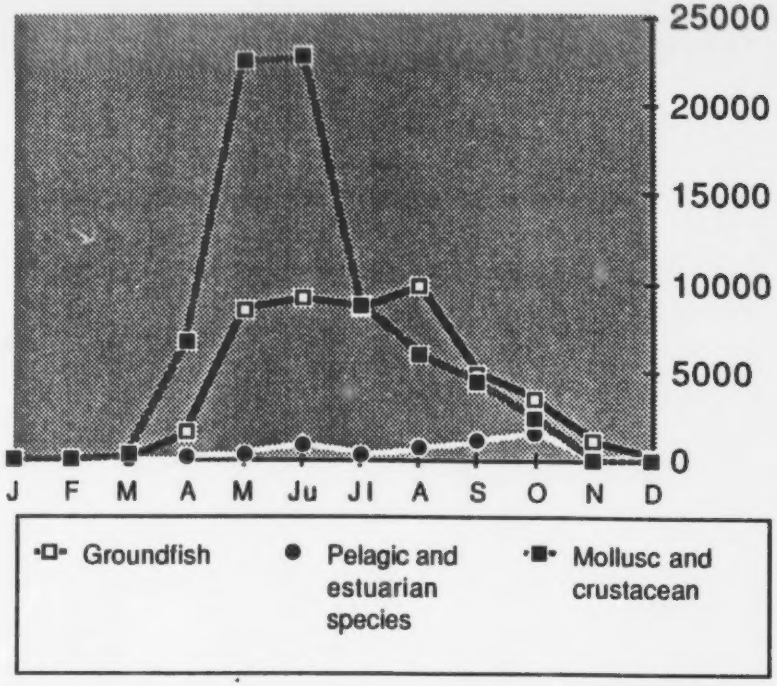


FIGURE 49

Monthly evolution of landed value in Quebec, by species group in 1987



Distribution of landings in Quebec by gear type

Presentation of data for the 1984-1987 period allows us to see certain shifts in the quantities caught with different gear types.

We note that the share of the total volume of landings attributable to mobile gear rose steadily from 45% in 1984 to 47% in 1985, nearly 48% in 1986 and 51% in 1987. The opposite trend was observed in the case of fixed gear, which represented almost 55% in 1984 and only about 49% in 1987.

Historically, because of their large capacity, bottom trawls have made the greatest contribution to catches. This gear type accounted for nearly 34% of the total in 1984 to 1986 but only about 29% in 1987. Within the trawl group, over the four-year period, stern trawls generated the largest proportion of landings. Stern trawls led with about 19% of landings except in 1985, when their figure fell to 15% and side trawls ranked first with 18% of catch volume.

A piece of fixed gear, the gillnet, ranked second and contributed 17 to 23% depending on the year.

Other types of gear that made significant contributions include the shrimp trawl, which accounted for about 11% of the catch, and the crab pot, whose share fluctuated markedly from year to year, rising from 15% in 1984 to approximately 16% in 1985 and 1986 and dropping to 10% in 1987. A point of note is the introduction of the Japanese crab pot, which outperformed the standard pot from 1985 on.

The contribution of the Japanese crab pot, which amounted to slightly under 5% of the catch in 1984, rose to 12% in 1986 and ended up at 8% in 1987.

Meanwhile, the share of the standard pot has steadily declined from 10% in 1984 to slightly below 2% in 1987.

TABLE 13

LANDINGS IN QUEBEC BY TYPE OF FISHING GEAR USED - 1984 TO 1987

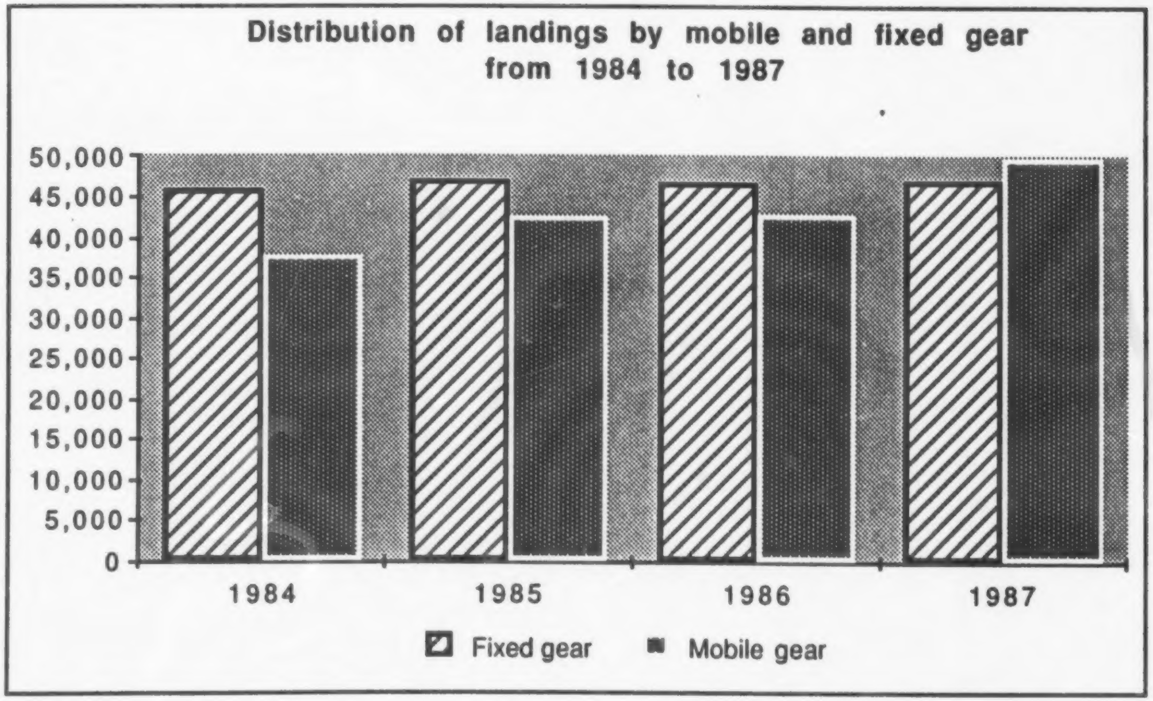
(Quantity in rounded metric tons, live weight)

(Value in thousands of dollars)

Fishing gear	1984 Volume	1984 % of total	1985 Volume	1985 % of total	1986 Volume	1986 % of total	1987 Volume	1987 % of total	Variation in %
Fixed gear									
Gillnet	18,039	21.51	15,356	17.03	17,369	19.31	22,046	22.66	26.93
Longline	7,042	8.40	7,336	8.13	6,139	6.82	6,138	6.31	-0.02
Jigger (hand line)	4,048	4.83	3,964	4.40	4,091	4.55	3,801	3.91	-7.09
Trapnet	676	0.81	1,357	1.50	724	0.80	1,349	1.39	86.33
Pots (other than crab)	2,252	2.68	2,185	2.42	2,298	2.55	2,716	2.79	18.19
Weir	595	0.71	788	0.87	583	0.65	477	0.49	-18.18
Crab pot	12,659	15.09	15,289	16.95	14,759	16.40	10,170	10.46	-31.09
-Japanese	3,938	4.69	8,174	9.06	11,239	12.49	8,081	8.31	-28.10
-Standard	8,721	10.40	7,115	7.89	3,520	3.91	1,620	1.67	-53.98
-Combination of both (1)	-	-	-	-	-	-	469	0.48	-
Rakes, tongs, spades, shovels	622	0.74	1,006	1.12	818	0.91	506	0.52	-38.14
Miscellaneous	97	0.12	128	0.14	172	0.19	144	0.15	-16.28
Total, fixed gear	**46,030**	**54.88**	**47,409**	**52.57**	**46,953**	**52.19**	**47,347**	**48.67**	**0.84**
Mobile gear									
Bottom pair trawl	27,993	33.37	31,355	34.77	30,206	33.57	28,122	28.91	-6.90
-Side	10,995	13.11	16,679	18.49	11,857	13.18	8,580	8.82	-27.64
-Stern	16,998	20.27	13,935	15.45	17,242	19.16	18,440	18.96	6.95
-Paranza	-	-	741	0.82	1,107	1.23	1,102	1.13	-0.45
Midwater trawl stern	-	-	-	-	-	-	7,120	7.32	-
Shrimp trawl	8,566	10.21	9,952	11.03	10,839	12.05	10,954	11.26	1.06
Danish seine	156	0.19	166	0.18	762	0.85	1,722	1.77	125.98
Purse seine	-	-	-	-	-	-	33	0.03	-
Scottish seine	19	0.02	-	-	-	-	-	-	-
Troll line and/or rod	12	0.01	3	0.003	2	0.002	-	-	-
Scallop dragger	1,101	1.31	1,304	1.45	1,208	1.34	1,976	2.03	63.58
Total, mobile gear	**37,847**	**45.12**	**42,780**	**47.43**	**43,017**	**47.81**	**49,927**	**51.33**	**16.06**
Overall total	**83,877**	**100.00**	**90,189**	**1[illegible]0**	**89,970**	**100.00**	**97,274**	**100.00**	**8.12**

1- Before 1987, this information was not availe[illegible] We only indicated the most used pot.

FIGURE 50



Distribution of landings by mobile and fixed gear from 1984 to 1987

Average landed prices

The average price for each species presented in this report is intended to reflect the price paid to fishermen and was obtained by dividing the total value of all landings by the total weight as landed.

The average price takes into account the landed form of the catch. This approach has the advantage of specifying the meaning of the listed price. A similar presentation is given for each maritime sector.

To facilitate reading of the tables, a key to landed form codes is provided on the page opposite.

Key to landed form codes

1 Round (fish); in shell (molluscs); wet or green (seaweed).

2 Gutted, head on (fish); gutted (squid); dried or black or bleached (seaweed).

3 Gutted, head off (fish).

4 Split, head off (most fish); split, head off, pickled (Greenland halibut, herring, mackerel, salmon, trout).

5 Green salted (groundfish); pickled fillets, skin on (herring and mackerel).

6 Wings (skate); tail (monkfish); pickled fillets, skinless (herring); tentacles (squid); cooked in the shell (shrimp).

7 Heavy salted, wet (cod); kippers (herring, mackerel); gutted or split, smoked (salmon); dried (capelin, squid); shucked (shellfish).

8 Light salted, dry (cod); gutted, head on, pickled (most fish).

9 Unavailable.

QUEBEC MARINE FISHERIES
LANDING AVERAGE PRICE BY SPECY
(EXCLUDING SUPPLEMENTARY SLIPS)

QUEBEC REGION

TABLE 14

($ / KILOGRAM)

SPECIES	LANDED FORM DESCRIPTION	1986 (FINAL)	1987 (FINAL)	VARIATION IN %
GROUNDFISH				
COD	1	.405	.638	57.5
	2	.600	.902	50.3
	3	.525	1.037	97.5
	4	.811	1.031	27.1
	5	1.228	2.125	73.0
	6	2.816	3.940	39.9
HADDOCK	1	.631	.904	43.2
	2	.979	1.257	28.3
	3	-	1.326	N/A
REDFISH	1	.242	.262	8.2
	2	.339	.432	27.4
HALIBUT	1	2.768	3.315	19.7
	2	2.734	3.009	10.0
	3	3.315	-	N/A
PLAICE	1	.577	.848	46.9
	2	.657	1.167	77.6
GREYSOLE (WITCH)	1	.926	1.050	13.3
	2	.220	-	N/A
WINTER FLOUNDER	1	.605	.659	8.9
	2	.243	.772	217.6
GREENLAND HALIBUT(TURBOT)	1	.797	1.358	70.3
	2	.881	1.419	61.0
	3	3.311	-	N/A
WHITE HAKE	1	.291	.354	21.6
	2	.243	.554	127.9
	4	.378	-	N/A
	5	-	.670	N/A
CATFISH	1	.232	.345	48.7
	2	.219	.544	148.4
PELAGIC AND ESTUARIAL FISH				

QUEBEC MARINE FISHERIES
LANDING AVERAGE PRICE BY SPECY
(EXCLUDING SUPPLEMENTARY SLIPS)

QUEBEC REGION

TABLE 14

($ / KILOGRAM)

SPECIES	LANDED FORM DESCRIPTION	1986 (FINAL)	1987 (FINAL)	VARIATION IN %
HERRING	1	.243	.258	6.1
	7	-	1.042	N/A
	8	-	1.207	N/A
MACKEREL	1	.232	.256	10.3
	2.	-	.396	N/A
	3	.439	.396	-9.7
TUNA, BLUEFIN	1	2.921	4.420	51.3
EELS	1	4.523	4.945	9.3
SALMON	1	5.454	6.298	15.4
	2	6.197	5.170	-16.5
	7	5.500	-	N/A
SMELTS	1	.227	.665	192.9
CAPELIN	1	-	.192	N/A
	7	9.500	-	N/A
MOLLUSCS AND CRUSTACEANS				
SOFT SHELL CLAMS	1	.664	.693	4.3
QUAHAUGS CLAMS	1	.456	-	N/A
MUSSEL	1	.685	.882	28.7
SCALLOP	1	.928	1.141	22.9
	7	11.556	12.915	11.7
WHELK (WINKLE)	1	.287	.391	36.2
LOBSTER	1	5.978	6.898	15.3
SHRIMP	1	1.718	2.396	39.4
	6	1.791	2.410	34.5

QUEBEC MARINE FISHERIES
LANDING AVERAGE PRICE BY SPECY
(EXCLUDING SUPPLEMENTARY SLIPS)

QUEBEC REGION

TABLE 14

($ / KILOGRAM)

SPECIES	LANDED FORM DESCRIPTION	1986 (FINAL)	1987 (FINAL)	VARIATION IN %
SNOW CRABS (QUEEN)	1	1.762	3.165	79.6

Ranking of fishing ports

In this year's review, rankings of fishing ports are presented for four years, 1984 to 1987, in order to better identify trends among Quebec's top ten points of landing.

The tables show Rivière au Renard consistently ranked first. The average volume of landings at this major Quebec port was 13,352 t, while the associated value was $10.8 million. Overall, the difference between various ports should be small; and structured in groups that are non-homogeneous in terms of geographic situation and a number of ports comprising them from year to year.

Clearly, the Gaspé Peninsula contributed the greatest number of ports to these lists of points of landing. Gaspé ports appear among the major points accounting for 39 to 45% of total volume in Quebec and 34 to 40% of total value.

Together, the Magdalen Islands and North Shore ports made up 17 to 23% of the total landed volume in Quebec over the 1984 to 1987 period and 17 to 20% of the total value of landings.

Moreover, it should be noted that over the four years studied, the top ten points of landing consistently accounted for 60 to 64% of the total volume of Quebec landings and 53 to 58% of the associated value.

TABLE 15

- QUEBEC -

TOP 10 POINTS OF LANDING, 1984 TO 1987

1984	Volume in m. t. live weight	% of total for Quebec	1985	Volume in m. t. live weight	% of total for Quebec
1- Cap-aux-Meules	13,915	16.59	1- Rivière-au-Renard	13,336	14.82
2- Rivière-au-Renard	12,468	14.86	2- Cap-aux-Meules	11,253	12.51
3- Grande-Rivière	6,286	7.49	3- Grande-Rivière	8,943	9.94
4- Newport Point	4,685	5.59	4- Newport Point	7,424	8.25
5- Cloridorme	2,691	3.21	5- Sainte-Thérèse	3,006	3.34
6- Sainte-Thérèse	2,623	3.13	6- Cloridorme	2,952	3.28
7- Havre Aubert	2,241	2.67	7- Matane	2,745	3.05
8- Sainte-Anne-des-Monts	2,173	2.59	8- Sept-Iles	2,165	2.41
9- Matane	1,715	2.04	9- Sainte-Anne-des-Monts	2,101	2.34
10 - Harrington Harbour	1,604	1.91	10 - Havre Aubert	1,716	1.91

1984	Value in thousands of dollars	% of total for Quebec	1985	Value in thousands of dollars	% of total for Quebec
1- Rivière-au-Renard	6,844	12.11	1- Rivière-au-Renard	8,391	12.40
2- Cap-aux-Meules	4,764	8.43	2- Grande-Rivière	6,422	9.49
3- Grande-Rivière	4,096	7.24	3- Cap-aux-Meules	5,254	7.76
4- Havre Aubert	2,429	4.30	4- Newport Point	3,366	4.97
5- Sainte-Thérèse	2,395	4.24	5- Sainte-Thérèse	2,853	4.21
6- Newport Point	1,976	3.50	6- Matane	2,670	3.94
7- Sainte-Anne-des-Monts	1,918	3.39	7- Grande-Entrée	2,538	3.75
8- Grande-Entrée	1,865	3.30	8- Sainte-Anne-des-Monts	2,214	3.27
9- Matane	1,854	3.28	9- Havre Aubert	1,864	2.75
10 - Sept-Iles	1,532	2.71	10 - Havre Saint-Pierre	1,799	2.66

TABLE 15

- QUEBEC -

TOP 10 POINTS OF LANDING, 1984 TO 1987

1986	Volume in m. t. live weight	% of total for Quebec	1987	Volume in m. t. live weight	% of total for Quebec
1- Rivière-au-Renard	12,644	14.05	1- Rivière-au-Renard	14,958	15.38
2- Cap-aux-Meules	11,774	13.09	2- Cap-aux-Meules	14,824	15.24
3- Newport Point	7,295	8.11	3- Newport Point	5,950	6.12
4- Grande-Rivière	7,019	7.80	4- Sept-Iles	5,358	5.51
5- Sainte-Thérèse	4,570	5.08	5- Grande-Rivière	5,118	5.26
6- Sept-Iles	3,341	3.71	6- Sainte-Thérèse	4,151	4.27
7- Matane	3,063	3.40	7- Cloridorme	3,281	3.37
8- Cloridorme	3,024	3.36	8- Sainte-Anne-des-Monts	3,181	3.27
9- Anse-des-Méchins	2,213	2.46	9- Matane	2,811	2.89
10 - Havre Saint-Pierre	1,887	2.10	10 - Havre Aubert	2,348	2.41

1986	Value in thousands of dollars	% of total for Quebec	1987	Value in thousands of dollars	% of total for Quebec
1- Rivière-au-Renard	10,273	11.96	1- Rivière-au-Renard	17,673	14.00
2- Grande-Rivière	7,786	9.06	2- Sainte-Thérèse	8,019	6.35
3- Cap-aux-Meules	5,938	6.91	3- Sept-Iles	7,324	5.80
4- Sainte-Thérèse	5,753	6.70	4- Cap-aux-Meules	7,292	5.78
5- Matane	3,960	4.61	5- Grande-Rivière	6,983	5.53
6- Havre Saint-Pierre	3,353	3.90	6- Havre Saint-Pierre	5,855	4.64
7- Newport Point	3,351	3.90	7- Newport Point	5,017	3.98
8- Grande-Entrée	3,343	3.89	8- Sainte-Anne-des-Monts	4,704	3.73
9- Sept-Iles	2,986	3.48	9- Grande-Entrée	4,481	3.55
10 - Ruisseau Chapados	2,840	3.31	10 - Matane	4,478	3.55

Landings in Quebec by non-Quebec vessels - 1986 and 1987

Little change was observed with respect to landings by non-Quebec vessels at the various ports in our maritime sectors. These boats landed on the order of 1,199 t in 1987 as opposed to 1,181 t in 1986. Considering the value of these landings, we find a sharper increase, exceeding 19%, to $1.4 million from the figure of $1.2 million for 1986.

Vessels from New Brunswick made the largest contribution to landings in Quebec: 544 t valued at $628,000, or 45% of the total volume landed by non-Quebec boats and 43% of the associated value.

Vessels from Newfoundland ranked second, with landings of 439 t valued at $601,000, and were followed at a considerable distance by boats from Prince Edward Island and Nova Scotia.

TABLE 16

LANDINGS IN QUEBEC BY NON-QUEBEC BOATS

IN 1986 AND 1987

(Quantity in rounded metric tons, live weight)

	BOATS' PROVINCE OF ORIGIN									
	PRINCE EDWARD ISLAND		NEW - BRUNSWICK		NOVA - SCOTIA		NEWFOUNLAND		TOTAL	
SPECIES	1986	1987	1986	1987	1986	1987	1986	1987	1986	1987
Cod	7	40	150	190	-	-	244	239	401	469
Redfish	-	-	25	2	-	-	-	-	25	2
Atlantic Halibut	-	-	1	1	-	-	-	-	1	1
American Plaice	34	129	74	161	-	-	-	.	108	290
Winter Flounder	-	6	2	1	-	-	-	.	8	1
Greenland Halibut	-	-	18	2	-	-	-	-	18	2
White Hake	-	.	1	-	-	-	-	-	1	.
Other groundfish	-	27	-	.	-	-	-	-	-	27
Total groundfish	41	202	271	357	-	-	244	239	562	792
Herring	-	-	2	62	-	-	11	.	13	62
Total pelagic species	-	-	2	62	-	-	11	.	13	62
Scallops	-	-	-	-	-	-	138	72	138	72
Shrimp	-	-	156	113	-	-	-	-	156	113
Snow Crabs	.	-	221	12	-	14	97	128	318	154
Total mollusc and crustacean	.	-	377	125	-	14	235	200	612	339
Other items	-	-	-	-	-	-	-	.	-	.
Grand total	41	202	650	544	-	14	490	439	1,187	1,193

TABLE 16A

VALUE OF LANDINGS IN QUEBEC BY NON-QUEBEC BOATS

IN 1986 AND 1987

(Value in thousands of dollars)

	BOATS' PROVINCE OF ORIGIN									
	PRINCE EDWARD ISLAND		NEW - BRUNSWICK		NOVA - SCOTIA		NEWFOUNLAND		TOTAL	
SPECIES	1986	1987	1986	1987	1986	1987	1986	1987	1986	1987
Cod	4	33	76	130	-	-	99	187	179	350
Redfish	-	-	9	1	-	-	-	-	9	1
Atlantic Halibut	-	-	1	2	-	-	-	-	1	2
American Plaice	22	114	45	149	-	-	-	*	67	263
Winter Flounder	-	3	1	1	-	-	-	*	4	1
Greenland Halibut	-	-	14	1	-	-	-	-	14	1
White Hake	-	*	*	-	-	-	-	-	*	*
Other groundfish	-	12	-	*	-	-	-	-	-	12
Total groundfish	26	162	146	284	-	-	99	187	274	630
Herring	-	-	1	15	-	-	2	*	3	15
Total pelagic species	-	-	1	15	-	-	2	*	3	15
Scallops	-	-	-	-	-	-	113	62	113	62
Shrimp	-	-	275	285	-	-	-	-	275	285
Snow Crabs	1	-	387	44	-	55	153	351	541	450
Total mollusc and crustacean	1	-	662	329	-	55	266	413	929	797
Other items	-	-	-	-	-	-	-	1	-	1
Grand total	27	162	809	628	-	55	367	601	1,206	1,443

FIGURE 51

Distribution of landings by non-Quebec boats in Quebec, 1986

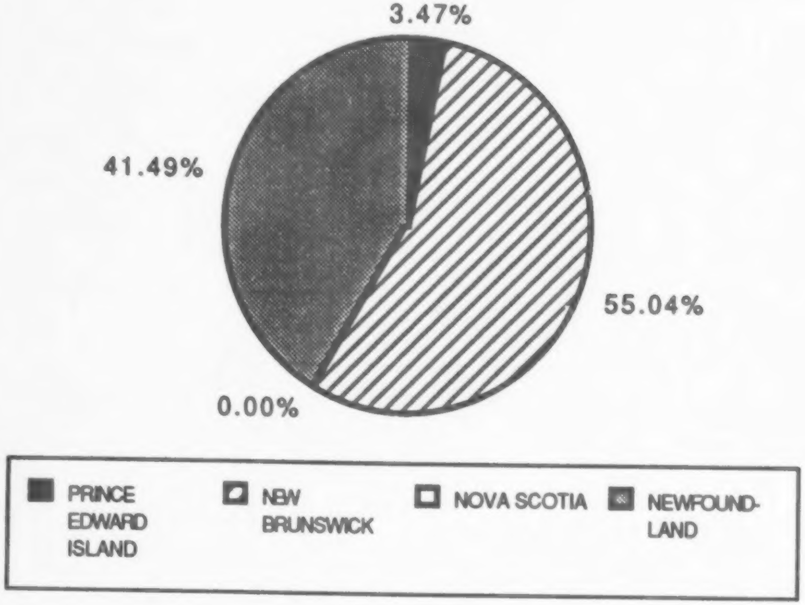


FIGURE 52

Distribution of landed value for non-Quebec boats in Quebec, 1986

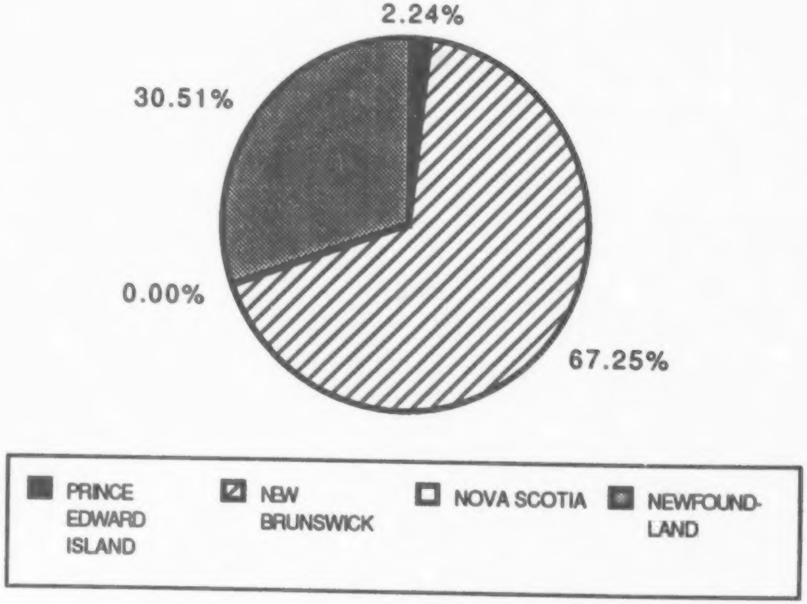


FIGURE 53

Distribution of landings by non-Quebec boats in Quebec, 1987

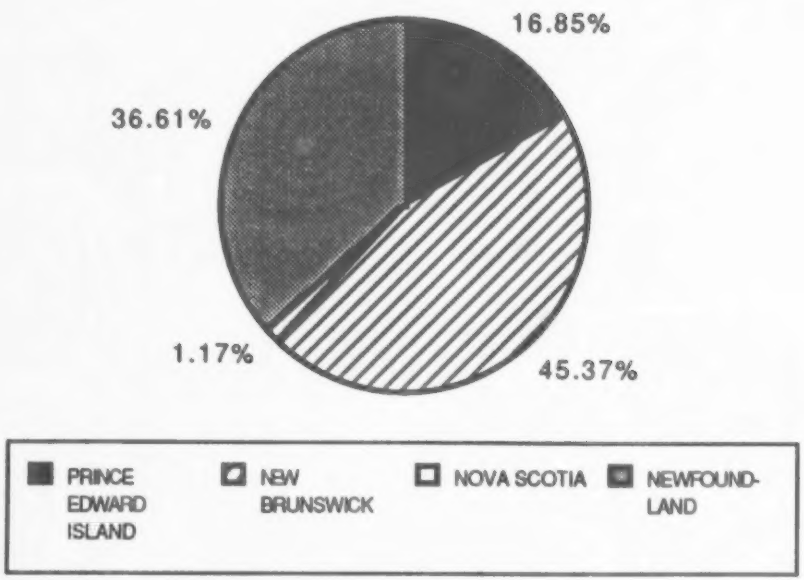
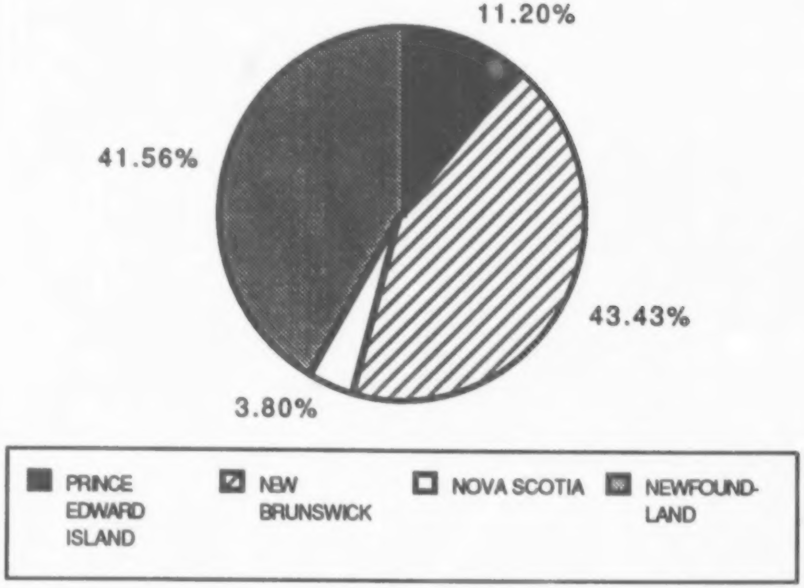


FIGURE 54

Distribution of landed value for non-Quebec boats in Quebec, 1987



Landings outside Quebec
by Quebec vessels

In 1987, Quebec vessels landed 7,318 t of marine products worth $4.9 million at various ports in the Atlantic provinces. These landings were to a very large extent made up of groundfish and especially cod, which alone accounted for 78% of landed volume and 73% of landed value. Shrimp ranked second with a total landed volume of 787 t valued at $845,000.

In comparison with 1986, landings outside Quebec dropped only slightly, by 1%, in terms of volume and rose by 36% in terms of value. The three main species for which landings increased were cod, haddock and shrimp. In particular, the case of shrimp is noteworthy in that the landed volume for this species climbed from 21 t in 1986 to 787 t and the landed value from $28,000 to $845,000.

The province-by-province distribution of these landings was similar to that observed in previous years. Newfoundland ports accounted for 68% of landings (5,005 t worth $3.1 million).

In 1986, the same province took in landings of 4,852 t valued at $2.4 million. Thus, in this particular instance, volume was up by 3% from 1986 and value was up by 29%.

Landings in Nova Scotia by Quebec boats in 1987 amounted to 1,926 t worth $1.7 million, leaving this province ranked second.

Note that catches landed in Nova Scotia in 1986 totalled 1,168 t worth $690,000. The increase that occurred in 1987 was thus very substantial: over 140% in terms of value and 65% in terms of volume.

The greatest change was observed in New Brunswick, where landed volume dropped from 1,103 t in 1986 to 387 t in 1987. The value of landings behaved similarly, falling from $237,000 in 1986 to $77,000 in 1987.

No landings by Quebec vessels were recorded in Prince Edward Island over 1987.

Please note that the data cited in the text and tables are preliminary.

TABLE 17

LANDINGS OUTSIDE QUEBEC BY QUEBEC BOATS

IN 1986 AND 1987

(Quantity in rounded metric tons, live weight)

SPECIES	NEW-BRUNSWICK		PRINCE EDWARD ISLAND		NOVA SCOTIA		NEWFOUNDLAND		TOTAL	
	1986	1987	1986	1987	1986	1987	1986	1987	1986	1987
Cod	97	-	207	-	646	1638	4660	4062	5610	5700
Haddock	-	-	-	-	60	82	17	3	77	85
Redfish	-	-	66	-	156	2	134	109	356	111
Atlantic Halibut	-	-	-	-	4	1	-	1	4	2
American Plaice	•	-	11	-	149	41	6	3	166	44
Greysole	1	-	-	-	14	3	3	4	18	7
Winter Flounder	-	-	-	-	16	2	•	3	16	5
Greenland Halibut	-	-	-	-	•	-	2	3	2	3
White Hake	-	-	3	-	15	2	•	•	18	2
Catfish	-	-	-	-	-	•	1	•	1	•
Other groundfish	-	-	4	-	108	155	8	28	120	183
Total groundfish	98	-	291	-	1168	1926	4831	4216	6388	6142
Herring	1002	387	-	-	-	-	-	-	1002	387
Mackerel	3	-	-	-	-	-	-	-	3	-
Total pelagic species	1005	387	-	-	-	-	-	-	1005	387
Scallops	-	-	-	-	-	-				
Lobsters	-	-	-	-	-	-	-	2	-	2
Shrimp	-	-	-	-	-	-	-	-	-	•
Snow Crabs	-	-	-	-	-	-	21	787	21	787
Other mollusc and crustacean	-	-	-	-	-	•	-	•	-	•
Total mollusc and crustacean	-	-	-	-	-	•	21	789	21	789
Other items	-	-	-	-	-	•	-	•	-	•
Grand total	1103	387	291	-	1168	1926	4852	5005	7414	7318

Data in this table are prelim[illegible] for all provinces.

TABLE 17A

VALUE OF LANDINGS OUTSIDE OF QUEBEC BY QUEBEC BOATS

IN 1986 AND 1987

(Value in thousands of dollars)

	NEW-BRUNSWICK		PRINCE EDWARD ISLAND		NOVA SCOTIA		NEWFOUNDLAND		TOTAL	
SPECIES	1986	1987	1986	1987	1986	1987	1986	1987	1986	1987
Cod	40	-	180	-	373	1357	2359	2210	2952	3567
Haddock	-	-	-	-	63	120	9	2	72	122
Redfish	-	-	11	-	44	1	38	60	93	61
Atlantic Halibut	-	-	-	-	15	3	-	2	15	5
American Plaice	•	-	9	-	119	39	2	1	130	40
Greysole	•	-	-	-	9	5	2	3	11	8
Winter Flounder	-	-	-	-	9	1	•	1	9	2
Greenland Halibut	-	-	-	-	•	-	1	2	1	2
White Hake	-	-	1	-	6	1	•	•	7	1
Catfish	-	-	-	-	-	•	•	•	•	•
Other groundfish	-	-	2	-	52	129	1	9	55	138
Total groundfish	**40**	**-**	**203**	**-**	**690**	**1656**	**2412**	**2290**	**3345**	**3946**
Herring	196	77	-	-	-	-	-	-	196	77
Mackerel	1	-	-	-	-	-	-	-	1	-
Total pelagic species	**197**	**77**	**-**	**-**	**-**	**-**	**-**	**-**	**197**	**77**
Scallops	-	-	-	-	-	-	-	2	-	2
Lobsters	-	-	-	-	-	-	-	-	-	-
Shrimp	-	-	-	-	-	-	28	845	28	845
Snow Crabs	-	-	-	-	-	-	-	-	-	-
Other mollusc and crustacean	-	-	-	-	-	•	-	•	-	•
Total mollusc and crustacean	**-**	**-**	**-**	**-**	**-**	**•**	**28**	**847**	**28**	**847**
Other items	-	-	-	-	-	•	-	•	-	•
Grand total	**237**	**77**	**203**	**-**	**690**	**1656**	**2440**	**3137**	**3570**	**4870**

Data in this table are preliminary for all provinces.

FIGURE 55

Distribution of landings outside of Quebec, by Quebec boats and by province in 1986

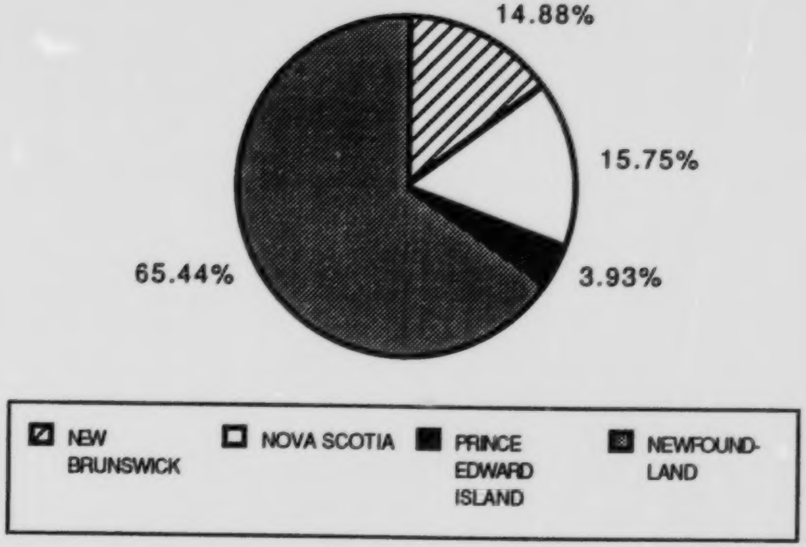


FIGURE 56

Distribution of landed value outside of Quebec, by Quebec boats and by province in 1986

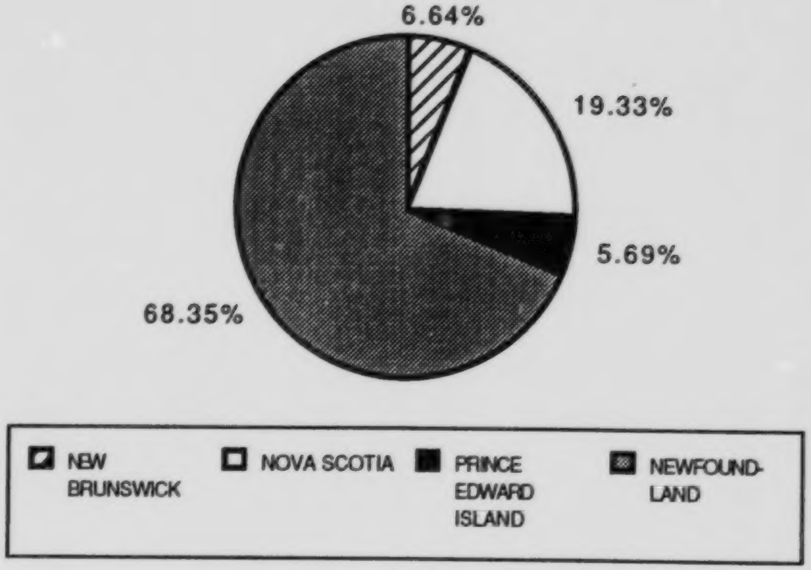


FIGURE 57

Distribution of landings outside of Quebec, by Quebec boats and by province in 1987

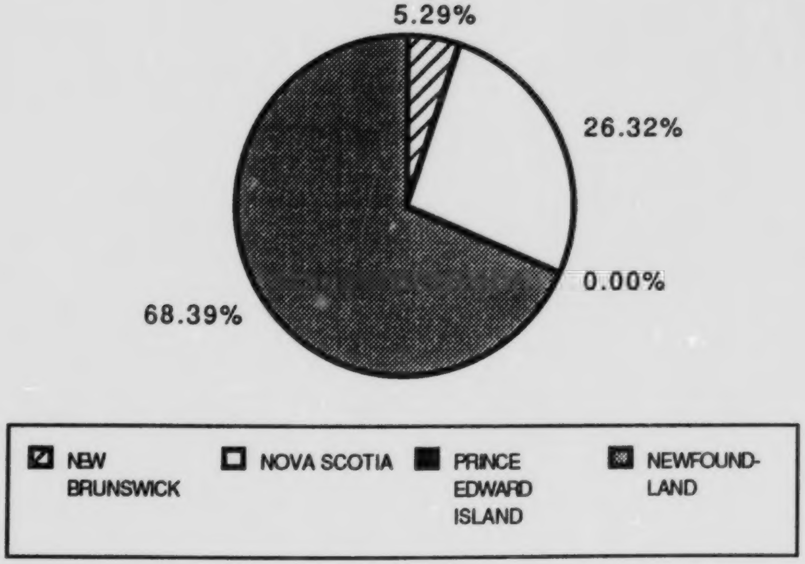
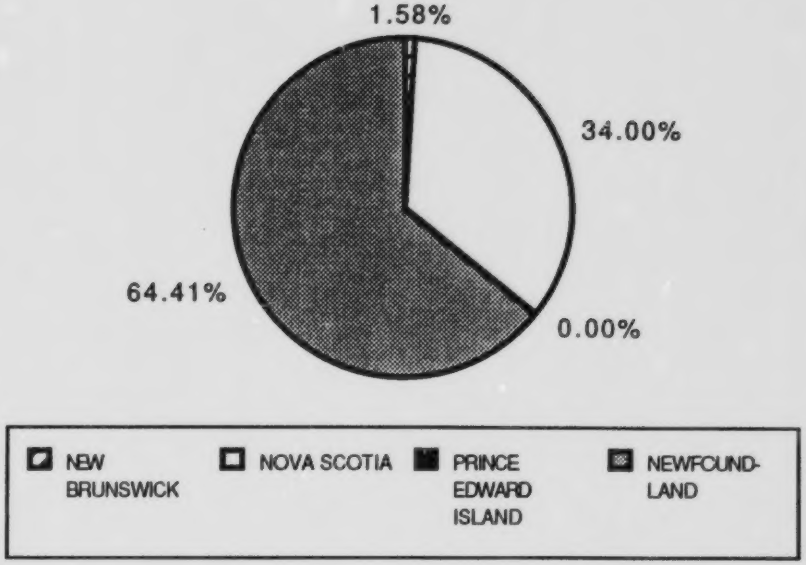


FIGURE 58

Distribution of landed value outside of Quebec, by Quebec boats and by province in 1987



DISTRIBUTION OF LANDINGS BY SECTOR

Landings in 1987

GASPE PENINSULA

In 1987, landings in the sector rose by 2% to 54,142 t. None the less, the Gaspé's contribution to total landings fell from 59 to 56%. This drop is attributable to the decline in the sector's share of crustacean landings, which was only 47% (down 8% from 1986).

In terms of value, landings increased by 40% over 1986 to $68 million. The Gaspé's share of the total value of landings in Quebec dropped from 57 to 54%.

Substantial price increases were recorded for most species and particularly Greenland halibut, cod and crustaceans. The decline of the crab catch was responsible for the drop in the value of landings on the Gaspé compared with the province as a whole. Even though prices for the species rose sharply, the catch brought in by midshore crabbers was down by nearly 50%.

The contribution of groundfish to landings in the sector increased from 66% in 1986 to 70% in 1987. The rise must be attributed to species such as Greenland halibut, plaice and redfish, since cod landings continued to decline and fell by 10% from their 1986 level.

Landings of pelagics maintained their upward trend. The main two species were herring and mackerel, which accounted for 99% of landings for this group. As in 1986, the bigger herring catch was to a large extent responsible for the increase of 39% in volume and 58% in value.

As in previous years, the mollusc and crustacean group was the most important in terms of value and the increase of 22% from 1986 was due to rising shrimp prices. It must noted, however, that the group's share of the total value of landings on the Gaspé fell from 57 to 50% (down 7% from 1986).

Major differences were noted between each of the main districts on the Gaspé Peninsula. For example, Gaspé North and Gaspé East recorded landing increases mainly due in both districts to catches of flatfish (in particular Greenland halibut, which was up by 3,257 t in 1987 in the two districts).

Although the Gaspé South crab harvest declined by nearly 50%, the Gaspé North harvest was up by 26% from the 1986 level.

The district the hardest hit by the reduction in landings was clearly Gaspé South, which recorded drops of 12 and 42% respectively for groundfish and crustaceans.

The year 1987 was characterized by a decline in cod and crab landings and an increase in flatfish catches. However, substantial price rises allowed the industry to maintain some of its vitality.

TABLE 18

LANDINGS ON THE GASPE PENINSULA

(Quantity in rounded metric tons, live weight)

(Value in thousands of dollars)

SPECIES	1984 Quantity	1984 Value	1985 Quantity	1985 Value	1986 Quantity	1986 Value	1987 Quantity	1987 Value	Var. in % Quantity	Var. in % Value
Cod	25,829	10,388	31,748	14,524	25,642	12,926	23,151	17,180	-9.7	32.9
Haddock	8	6	21	15	57	47	9	9	-84.2	-80.9
Redfish	1,148	321	567	150	644	224	1,570	721	143.8	221.9
Atlantic Halibut	45	110	81	224	147	362	108	264	-26.5	-27.1
American Plaice	1,630	585	2,064	875	2,306	1,257	3,045	2,393	32.0	90.4
Greysole	162	163	355	295	478	444	605	636	26.6	43.2
Winter Flounder	138	49	65	40	320	203	247	175	-22.8	-13.8
Unspecified Flounders	64	21	•	•	-	-	-	-	N/A	N/A
Greenland Halibut	1,355	803	1,745	1,120	5,326	4,274	8,761	11,302	64.5	164.4
White Hake	415	114	286	61	366	79	396	162	8.2	105.1
Catfish	26	8	20	5	56	13	69	25	23.2	92.3
Other groundfish	8	3	79	45	50	34	55	35	10.0	2.9
Total groundfish	**30,828**	**12,571**	**37,031**	**17,354**	**35,391**	**19,863**	**38,016**	**32,902**	**7.4**	**65.6**
Herring	1,590	360	2,516	658	2,813	733	4,044	1,121	43.8	52.9
Mackerel	429	112	443	111	458	115	528	142	15.3	23.5
Tuna, Bluefin	12	26	3	8	2	6	•	1	N/A	-83.3
Eels	-	-	1	4	2	9	5	24	150.0	166.7
Salmon	2	9	6	42	3	25	14	128	366.7	412.0
Smelts	44	20	54	42	22	13	9	20	-59.1	53.8
Capelin	•	•	22	3	1	1	•	•	N/A	N/A
Other pelagic and estuarian species	•	•	7	4	19	10	3	2	-84.2	-80.0
Total pelagic and estuarian species	**2,077**	**527**	**3,052**	**872**	**3,319**	**912**	**4,603**	**1,438**	**38.7**	**57.7**
Soft Shell Clams	6	3	21	38	41	89	164	362	300.0	306.7
Quahaugs Clams	2	1	-	-	-	-	-	-	N/A	N/A
Mussels	3	1	2	2	1	1	1	1	0.0	0.0
Scallops	165	261	128	187	114	170	104	177	-8.8	4.1
Winkles	115	50	30	26	10	10	76	55	N/A	450.0
Lobsters	629	3,182	586	3,160	557	3,412	618	4,148	11.0	21.6
Shrimp	4,336	5,599	5,648	7,457	5,614	9,657	6,053	14,573	7.8	50.9
Snow Crabs	5,817	7,213	7,019	8,525	8,233	14,539	4,495	14,667	-45.4	0.9
Other mollusc and crustacean	12	7	3	4	3	2	12	3	300.0	50.0
Total mollusc and crustacean	**11,085**	**16,317**	**13,437**	**19,399**	**14,573**	**27,881**	**11,523**	**33,986**	**-20.9**	**21.9**
Other items	6	3	1	1	1	•	•	•	N/A	N/A
Total	**43,996**	**29,418**	**53,521**	**37,626**	**53,283**	**48,655**	**54,142**	**68,326**	**1.6**	**40.4**

FIGURE 59

Landings in Gaspe Peninsula from 1984 to 1987, by species group

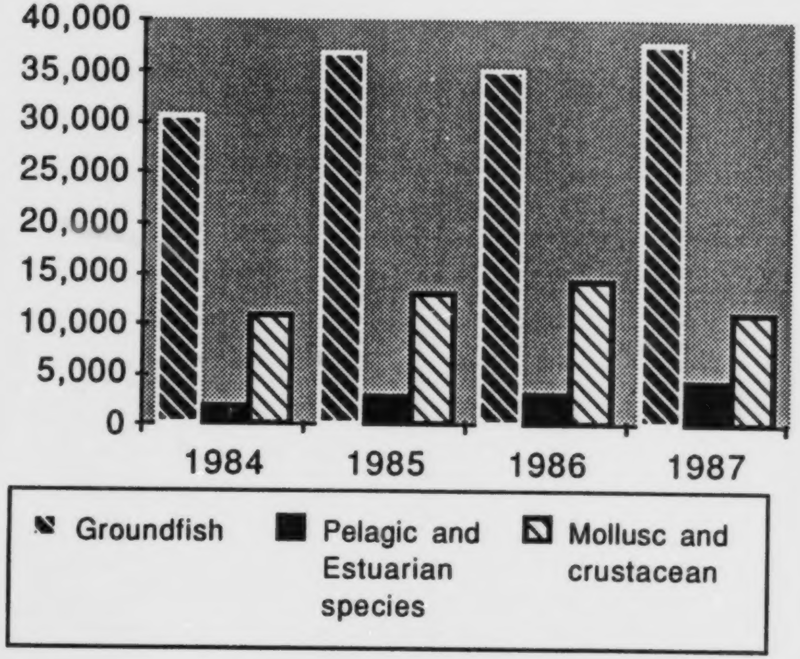


FIGURE 60

Landed value in Gaspe Peninsula from 1984 to 1987, by species group

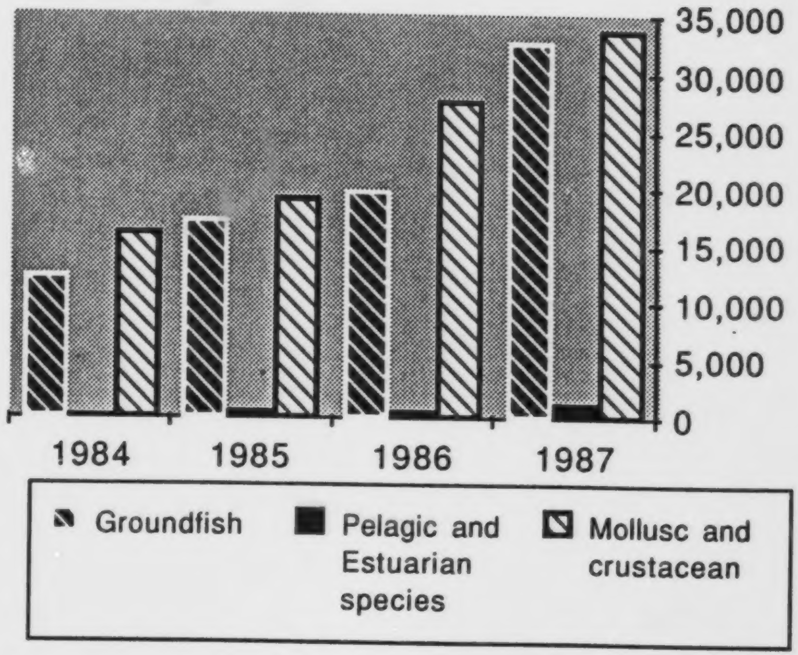


FIGURE 61

Landings of particular species in Gaspe Peninsula from 1984 to 1987

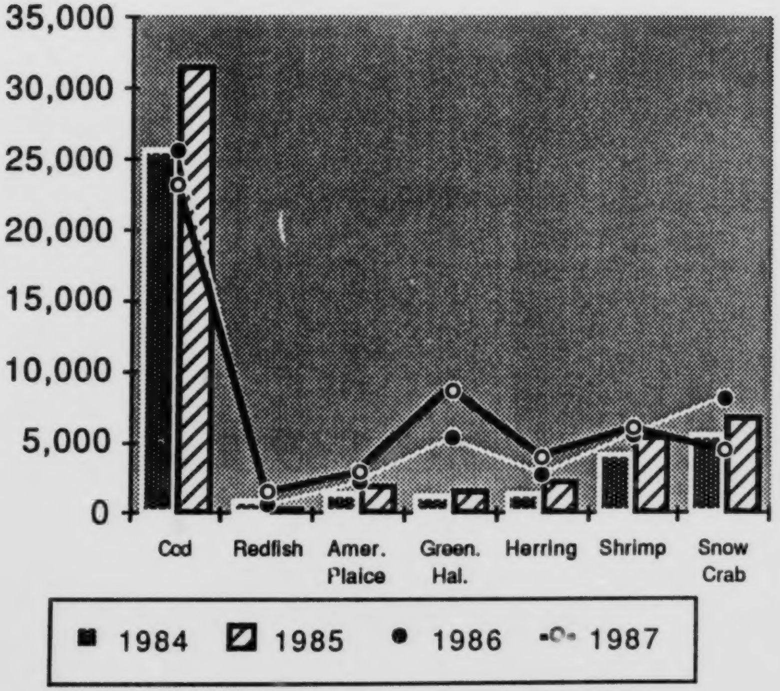


FIGURE 62

Value of particular species landed in Gaspe Peninsula from 1984 to 1987

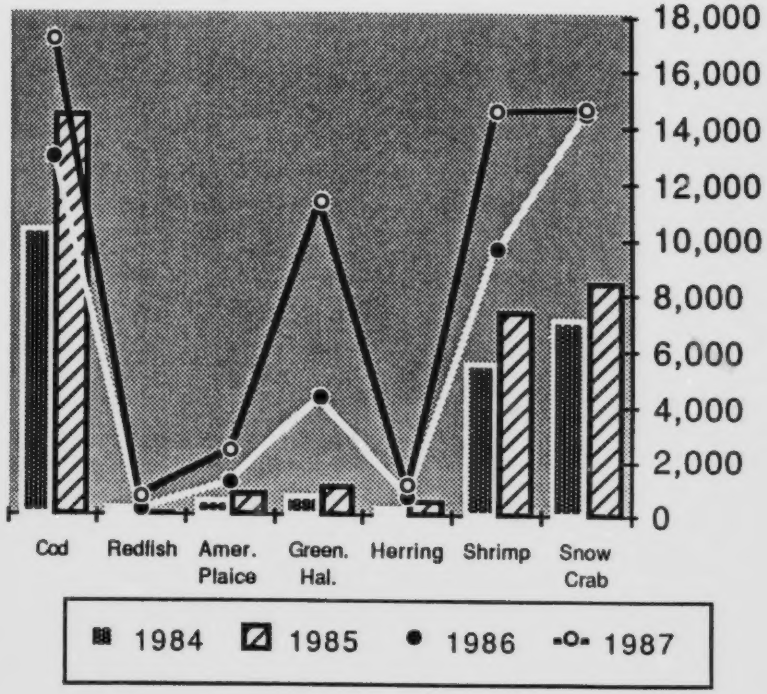


FIGURE 63

Landings in Gaspe, by boat length in 1987

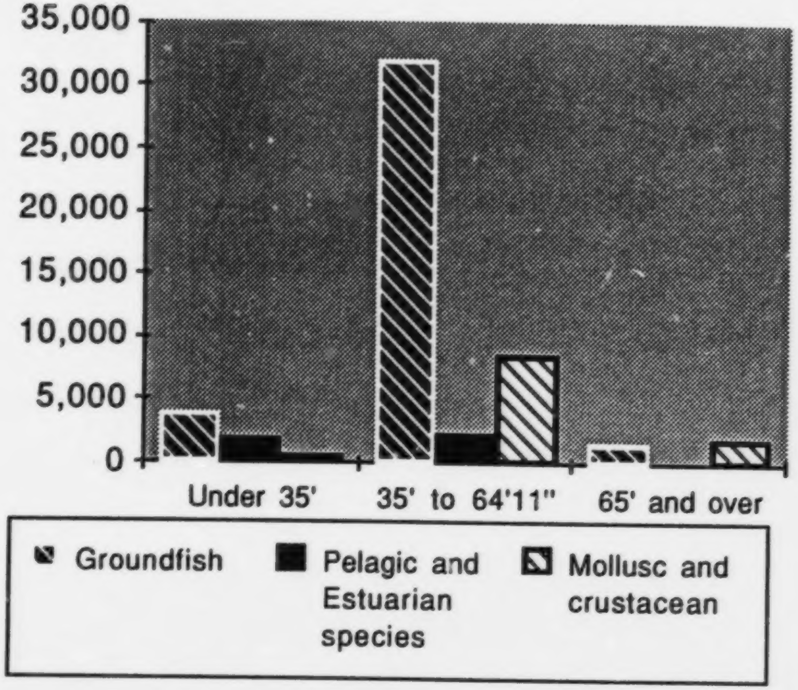


FIGURE 64

Landed value in Gaspe, by boat length in 1987

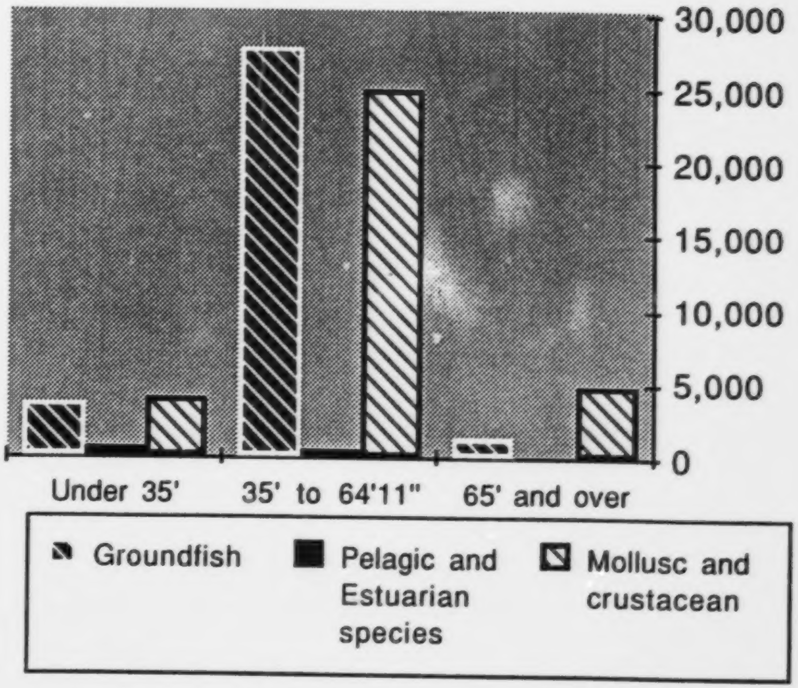


FIGURE 65

Distribution of landings in Gaspe, by boat length in 1987

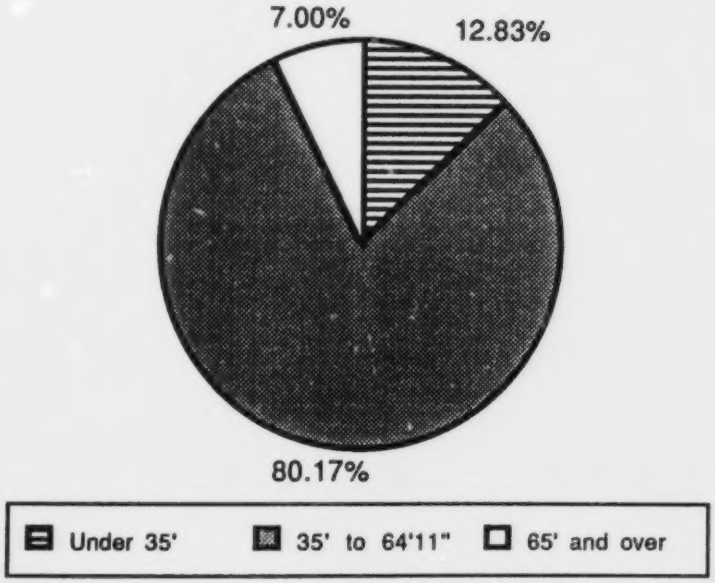
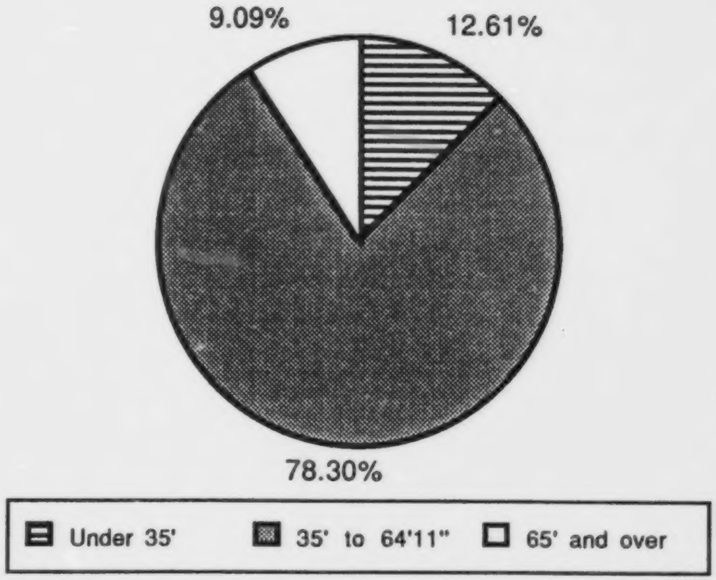


FIGURE 66

Distribution of landed value in Gaspe, by boat length in 1987



Landings by vessel length category

GASPE PENINSULA

While for Quebec as a whole, landings by the fleet of vessels 35' to 64'11" accounted for 60% of total volume from 1984 to 1987, the fleet's share rises to 80% when we consider Gaspé Peninsula landings on their own.

The value of the fleet's landings represented an average of 78% of the Gaspé total. The number of vessels 35' to 64'11" was 298 in 1986 and 297 in 1987.

In 1986 and 1987, there were no fewer than 802 and 886 vessels under 35'. During the four years under study, this fleet's contributions to the volume of landings were 12% in 1984, 11% in 1985 and 1986 and 13% in 1987. In terms of value, vessels under 35' accounted for 17% of the total in 1984, 14% in 1985, 12% in 1986 and 13% in 1987.

The landings attributable to the under 35' fleet increased steadily over the four years from 5,132 to 6,948 t. The value of the catches also rose sharply, from $4.9 million in 1984 to $8.6 million in 1987.

The fleet of vessels over 65' made up 8% of the volume and 10% of the value of Gaspé landings. There were 16 Gaspé vessels in this grouping in 1986 and 1987.

TABLE 18A

LANDINGS ON THE GASPE PENINSULA BY VESSELS UNDER 35' - 1984 TO 1987

(Quantity in rounded metric tons, live weight)

(Value in thousands of dollars)

SPECIES	1984		1985		1986		1987		Var. in %	
	Quantity	Value	Quantity	Value	Quantity	Value	Quantity	Value	Quantity	Value
Cod	2,565	1,181	2,836	1,406	2,429	1,393	2,484	2,085	2.3	49.7
Haddock	-	-	1	1	•	•	•	•	N/A	N/A
Redfish	21	6	18	5	10	3	40	17	300.0	466.7
Atlantic Halibut	11	36	33	122	34	98	32	83	-5.9	-15.3
American Plaice	125	49	193	75	184	97	254	217	38.0	123.7
Greysole	5	3	2	1	3	2	6	6	100.0	200.0
Winter Flounder	64	18	6	6	157	101	184	129	17.2	27.7
Unspecified Flounders	3	1	•	•	-	-	-	-	N/A	N/A
Greenland Halibut	118	109	297	195	615	508	921	1,147	49.8	125.8
White Hake	63	19	61	13	65	15	72	28	10.8	86.7
Catfish	•	•	1	1	•	•	1	1	N/A	N/A
Other groundfish	3	1	3	1	5	3	15	8	200.0	166.7
Total groundfish	**2,978**	**1,423**	**3,451**	**1,826**	**3,502**	**2,220**	**4,009**	**3,721**	**14.5**	**67.6**
Herring	1,095	269	1,177	310	1,598	441	1,785	539	11.7	22.2
Mackerel	204	54	278	73	253	69	314	83	24.1	20.3
Tuna, Bluefin	2	5	1	2	•	1	•	1	N/A	0.0
Eels	-	-	1	4	2	9	5	25	150.0	177.8
Salmon	1	9	6	42	3	25	14	128	366.7	412.0
Smelts	44	20	54	42	22	13	8	19	-63.6	46.2
Capelin	•	•	20	3	1	1	•	•	N/A	N/A
Other pelagic and estuarian species	•	•	4	2	16	8	3	2	-81.3	-75.0
Total pelagic and estuarian species	**1,346**	**357**	**1,541**	**478**	**1,895**	**567**	**2,129**	**797**	**12.3**	**40.6**
Soft Shell Clams	6	2	20	38	41	89	164	362	300.0	306.7
Quahaugs Clams	2	1	-	-	-	-	-	-	N/A	N/A
Mussels	3	1	2	2	1	1	1	1	0.0	0.0
Scallops	15	25	5	8	2	4	2	4	0.0	0.0
Winkles	116	50	27	24	10	9	74	52	N/A	477.8
Lobsters	583	2,954	528	2,843	493	3,028	542	3,626	9.9	19.7
Shrimp	13	17	4	6	2	4	1	3	-50.0	-25.0
Snow Crabs	52	104	56	67	47	106	14	48	-70.2	-54.7
Other mollusc and crustacean	12	7	3	4	3	2	12	3	300.0	50.0
Total mollusc and crustacean	**802**	**3,161**	**645**	**2,992**	**599**	**3,243**	**810**	**4,099**	**35.2**	**26.4**
Other items	6	3	•	•	1	•	•	•	N/A	N/A
Total	**5,132**	**4,944**	**5,637**	**5,296**	**5,997**	**6,030**	**6,948**	**8,617**	**15.9**	**42.9**

FIGURE 67

Landings in Gaspe for the 35' and under from 1984 to 1987 by species group

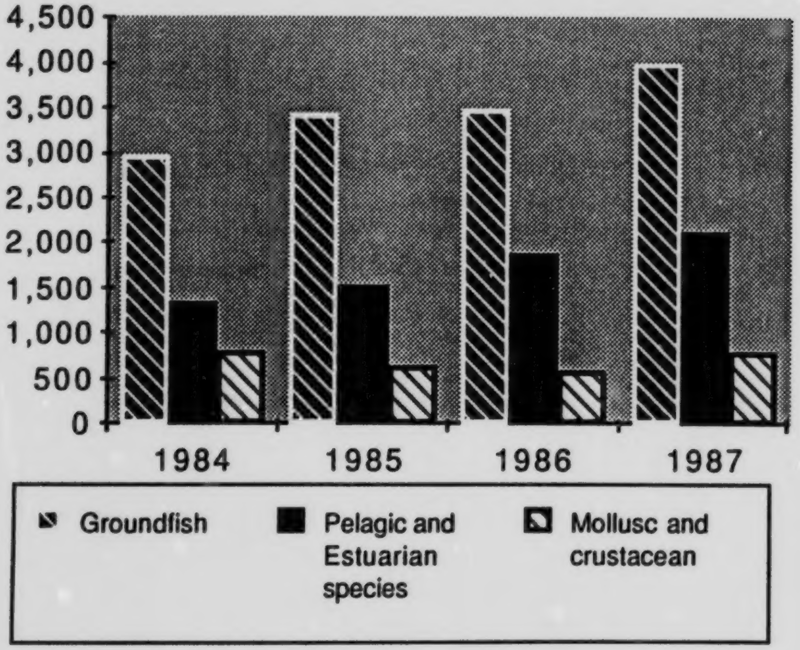


FIGURE 68

Landed value in Gaspe for the 35' and under from 1984 to 1987 by species group

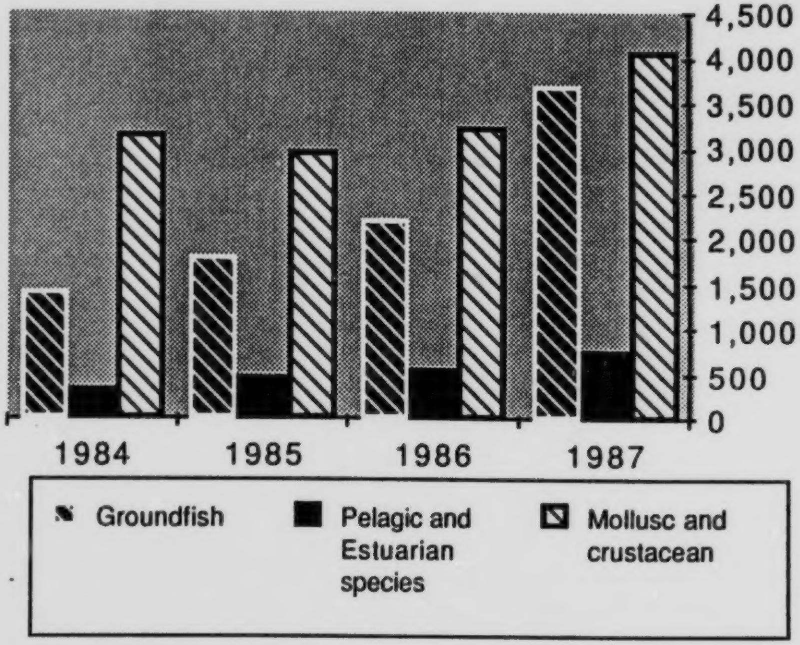


TABLE 18B

LANDINGS ON THE GASPE PENINSULA BY VESSELS 35' TO 64'11"- 1984 TO 1987

(Quantity in rounded metric tons, live weight)

(Value in thousands of dollars)

SPECIES	1984		1985		1986		1987		Var. in %	
	Quantity	Value	Quantity	Value	Quantity	Value	Quantity	Value	Quantity	Value
Cod	22,201	8,838	27,483	12,551	22,065	11,008	19,571	14,337	-11.3	30.2
Haddock	8	6	20	14	56	47	9	9	-83.9	-80.9
Redfish	776	213	361	98	375	133	1,360	629	262.7	372.9
Atlantic Halibut	32	67	42	87	108	254	66	161	-38.9	-36.6
American Plaice	1,458	520	1,751	748	1,933	1,057	2,660	2,086	37.6	97.4
Greysole	153	159	353	295	473	440	599	631	26.6	43.4
Winter Flounder	73	31	59	34	163	102	63	46	-61.3	-54.9
Unspecified Flounders	59	19	-	-	-	-	-	-	N/A	N/A
Greenland Halibut	1,096	637	1,267	853	4,423	3,585	7,477	9,720	69.0	171.1
White Hake	352	95	225	47	301	64	322	133	7.0	107.8
Catfish	26	8	20	5	55	13	68	25	23.6	92.3
Other groundfish	5	1	74	43	45	31	40	27	-11.1	-12.9
Total groundfish	**26,239**	**10,594**	**31,655**	**14,775**	**29,997**	**16,734**	**32,235**	**27,804**	**7.5**	**66.2**
Herring	495	91	1,338	348	1,214	292	2,259	582	86.1	99.3
Mackerel	225	59	165	38	205	47	214	58	4.4	23.4
Tuna, Bluefin	10	22	2	6	2	4	-	-	N/A	N/A
Eels	-	-	-	-	-	-	-	-	N/A	N/A
Salmon	-	-	-	-	-	-	-	-	N/A	N/A
Smelts	-	-	-	-	-	-	2	1	N/A	N/A
Capelin	-	-	1	•	-	-	-	-	N/A	N/A
Other pelagic and estuarian species	•	•	4	3	3	2	•	•	N/A	N/A
Total pelagic and estuarian species	**730**	**172**	**1,510**	**395**	**1,424**	**345**	**2,475**	**641**	**73.8**	**85.8**
Soft Shell Clams	-	-	-	-	-	-	-	-	N/A	N/A
Quahaugs Clams	-	-	-	-	-	-	-	-	N/A	N/A
Mussels	-	-	-	-	-	-	-	-	N/A	N/A
Scallops	150	236	123	179	111	166	101	172	-9.0	3.6
Winkles	-	-	3	2	•	1	1	3	N/A	200.0
Lobsters	47	228	58	318	64	384	76	522	18.8	35.9
Shrimp	2,704	3,441	3,466	4,597	3,700	6,346	4,166	10,140	12.6	59.8
Snow Crabs	5,567	6,859	6,574	8,071	7,801	13,754	4,350	14,215	-44.2	3.4
Other mollusc and crustacean	-	-	-	-	-	-	1	1	N/A	N/A
Total mollusc and crustacean	**8,468**	**10,764**	**10,224**	**13,167**	**11,676**	**20,651**	**8,695**	**25,053**	**-25.5**	**21.3**
Other items	-	-	1	1	-	-	•	•	N/A	N/A
Total	**35,437**	**21,530**	**43,390**	**28,338**	**43,097**	**37,730**	**43,405**	**53,498**	**0.7**	**41.8**

FIGURE 69

Landings in Gaspe for the 35' to 64'11" from 1984 to 1987 by species group

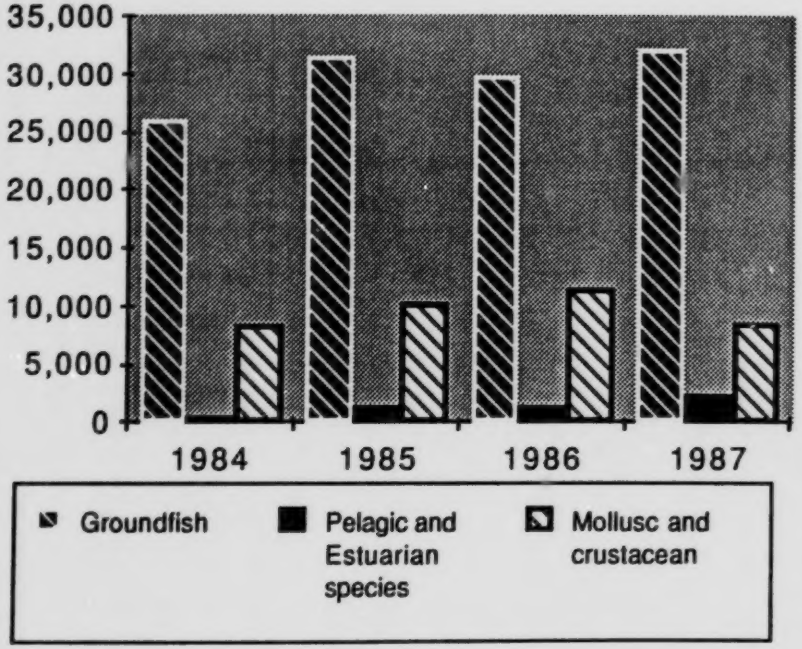


FIGURE 70

Landed value in Gaspe for the 35' to 64'11" from 1984 to 1987 by species group

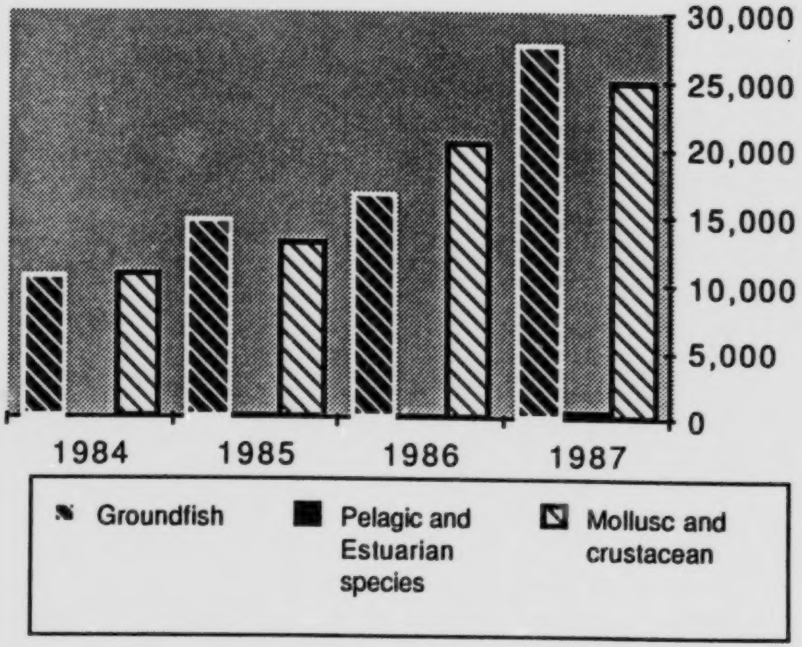


TABLE 18C

LANDINGS ON THE GASPE PENINSULA BY VESSELS 65' AND OVER- 1984 TO 1987

(Quantity in rounded metric tons, live weight)

(Value in thousands of dollars)

SPECIES	1984		1985		1986		1987		Var. in %	
	Quantity	Value	Quantity	Value	Quantity	Value	Quantity	Value	Quantity	Value
Cod	1,062	369	1,430	567	1,149	526	1,096	756	-4.6	43.7
Haddock	-	-	•	•	•	•	-	-	N/A	N/A
Redfish	351	102	188	46	259	87	170	74	-34.4	-14.9
Atlantic Halibut	2	7	6	15	4	10	11	21	175.0	110.0
American Plaice	48	15	121	52	189	103	131	90	-30.7	-12.6
Greysole	3	1	-	-	2	1	-	-	N/A	N/A
Winter Flounder	•	•	-	-	-	-	-	-	N/A	N/A
Unspecified Flounders	3	1	-	-	-	-	-	-	N/A	N/A
Greenland Halibut	141	57	181	72	288	181	363	435	26.0	140.3
White Hake	-	-	-	-	1	•	2	1	100.0	N/A
Catfish	-	-	-	-	1	•	•	•	N/A	N/A
Other groundfish	-	-	-	-	-	-	•	•	N/A	N/A
Total groundfish	**1,610**	**552**	**1,926**	**752**	**1,893**	**908**	**1,773**	**1,377**	**-6.3**	**51.7**
Herring	-	-	-	-	-	-	-	-	N/A	N/A
Mackerel	-	-	-	-	-	-	-	-	N/A	N/A
Tuna, Bluefin	-	-	-	-	-	-	-	-	N/A	N/A
Eels	-	-	-	-	-	-	-	-	N/A	N/A
Salmon	-	-	-	-	-	-	-	-	N/A	N/A
Smelts	-	-	-	-	-	-	-	-	N/A	N/A
Capelin	-	-	-	-	-	-	-	-	N/A	N/A
Other pelagic and estuarian species	-	-	-	-	-	-	-	-	N/A	N/A
Total pelagic and estuarian species	-	-	-	-	-	-	-	-	**N/A**	**N/A**
Soft Shell Clams	-	-	-	-	-	-	-	-	N/A	N/A
Quahaugs Clams	-	-	-	-	-	-	-	-	N/A	N/A
Mussels	-	-	-	-	-	-	-	-	N/A	N/A
Scallops	-	-	-	-	-	-	-	-	N/A	N/A
Winkles	-	-	-	-	-	-	-	-	N/A	N/A
Lobsters	-	-	-	-	-	-	-	-	N/A	N/A
Shrimp	1,619	2,142	2,179	2,854	1,912	3,308	1,886	4,430	-1.4	33.9
Snow Crabs	198	250	389	386	385	679	130	404	-66.2	-40.5
Other mollusc and crustacean	-	-	-	-	-	-	-	-	N/A	N/A
Total mollusc and crustacean	**1,817**	**2,392**	**2,568**	**3,240**	**2,297**	**3,987**	**2,016**	**4,834**	**-12.2**	**21.2**
Other items	-	-	-	-	-	-	-	-	N/A	N/A
Total	**3,427**	**2,944**	**4,494**	**3,992**	**4,190**	**4,895**	**3,789**	**6,211**	**-9.6**	**26.9**

FIGURE 71

Landings in Gaspe for the 65' and over from 1984 to 1987 by species group

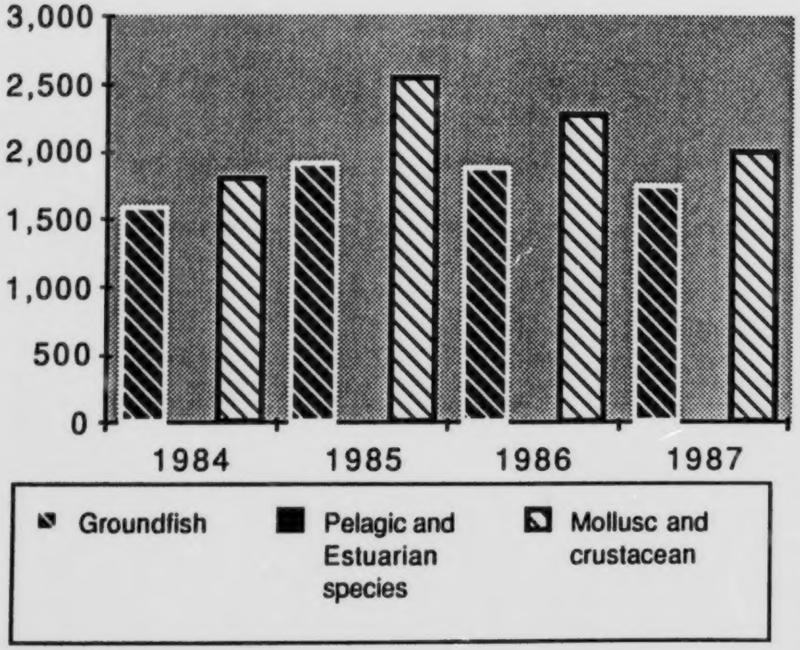


FIGURE 72

Landed value in Gaspe for the 65' and over from 1984 to 1987 by species group

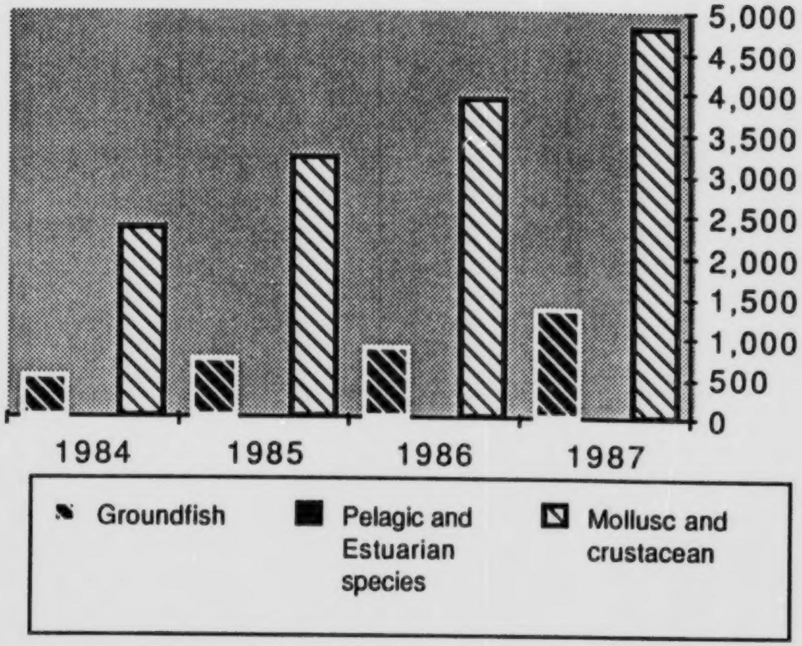


TABLE 18.1

MONTHLY LANDINGS ON THE GASPE PENINSULA BY SPECIES, 1987 SEASON,

(Quantity in rounded metric tons, live weight)

SPECIES	January	February	March	April	May	June
Cod	•	-	2	696	7,257	4,791
Haddock	-	-	-	1	3	4
Redfish	-	-	-	28	55	230
Atlantic Halibut	-	-	1	7	22	32
American Plaice	-	-	2	219	384	428
Greysole	-	-	-	3	110	136
Winter Flounder	-	-	-	6	30	57
Unspecified Flounders	-	-	-	-	-	-
Greenland Halibut	-	-	•	456	1,194	1,567
White Hake	-	-	-	•	24	72
Catfish	-	-	-	•	19	22
Other groundfish	-	-	-	•	3	10
Total groundfish	**•**	**-**	**5**	**1,416**	**9,101**	**7,349**
Herring	-	-	9	90	461	174
Mackerel	-	-	-	-	-	242
Tuna, Bluefin	-	•	-	-	-	-
Eels	-	•	-	-	-	-
Salmon	•	-	-	-	-	13
Smelts	2	3	1	-	•	•
Capelin	-	-	-	-	•	-
Other pelagic and estuarian species	-	-	-	-	•	1
Total pelagic and estuarian species	**2**	**3**	**10**	**90**	**461**	**430**
Soft Shell Clams	•	•	1	125	6	10
Quahaugs Clams	-	-	-	-	-	-
Mussels	•	-	-	-	•	•
Scallops	-	-	-	-	21	30
Winkles	-	-	1	4	4	33
Lobsters	-	-	•	68	331	194
Shrimp	-	-	61	975	1,133	1,302
Snow Crabs	-	-	-	327	2,224	1,768
Other mollusc and crustacean	-	-	-	-	•	12
Total mollusc and crustacean	**•**	**•**	**63**	**1,499**	**3,719**	**3,349**
Other items	-	-	-	-	-	•
Total	**2**	**3**	**78**	**3,005**	**13,281**	**11,128**

TABLE 18.1

MONTHLY LANDINGS ON THE GASPE PENINSULA BY SPECIES,

1987 SEASON,

(Quantity in rounded metric tons, live weight)

July	August	September	October	November	December	Total
2,137	3,942	1,894	1,810	624	-	23,153
•	-	•	•	-	-	8
503	428	137	185	4	-	1,570
16	15	8	8	•	-	109
392	715	473	340	92	-	3,045
100	149	76	31	-	-	605
55	28	53	11	7	-	247
-	-	-	-	-	-	-
2,187	2,185	1,073	97	•	-	8,759
65	105	75	54	1	-	396
10	9	3	5	•	-	68
15	5	13	3	7	-	56
5,480	7,581	3,805	2,544	735	-	38,016
101	1,519	1,645	45	-	-	4,044
97	102	72	15	-	-	528
-	•	-	-	-	-	•
-	-	1	4	•	-	5
1	-	-	-	-	-	14
-	-	1	2	-	-	9
-	-	-	-	-	-	•
1	1	•	-	-	-	3
200	1,622	1,719	66	•	-	4,603
8	8	4	1	-	-	163
-	-	-	-	-	-	-
-	-	-	-	-	-	•
29	18	6	1	•	-	105
7	13	9	6	-	-	77
20	4	-	-	-	-	617
728	860	660	333	1	-	6,053
176	-	-	-	-	-	4,495
1	-	-	•	-	-	13
969	903	679	341	1	-	11,523
-	-	-	-	-	-	•
6,649	10,106	6,203	2,951	736	-	54,142

TABLE 18.1A

MONTHLY LANDINGS ON THE GASPE PENINSULA BY SPECIES,

1987 SEASON,

(Value in thousands of dollars)

SPECIES	January	February	March	April	May	June
Cod	•	-	1	479	5,179	3,516
Haddock	-	-	-	1	3	4
Redfish	-	-	-	10	22	97
Atlantic Halibut	-	-	3	15	47	78
American Plaice	-	-	1	163	268	329
Greysole	-	-	-	3	145	133
Winter Flounder	-	-	-	4	24	42
Unspecified Flounders	-	-	-	-	-	-
Greenland Halibut	-	-	•	462	1,469	2,145
White Hake	-	-	-	•	8	27
Catfish	-	-	-	•	7	8
Other groundfish	-	-	-	•	2	5
Total groundfish	**•**	**-**	**5**	**1,137**	**7,174**	**6,384**
Herring	-	-	2	28	128	57
Mackerel	-	-	-	-	-	64
Tuna, Bluefin	-	-	-	-	-	-
Eels	-	-	-	-	-	-
Salmon	•	-	-	-	-	121
Smelts	7	7	2	-	1	•
Capelin	-	-	-	-	•	-
Other pelagic and estuarian species	-	-	-	-	1	1
Total pelagic and estuarian species	**7**	**7**	**4**	**28**	**130**	**243**
Soft Shell Clams	1	1	2	275	14	23
Quahaugs Clams	-	-	-	-	-	-
Mussels	•	-	-	-	•	1
Scallops	-	-	-	-	35	50
Winkles	-	-	1	2	2	28
Lobsters	-	-	1	454	2,215	1,307
Shrimp	-	-	154	2,503	2,890	3,326
Snow Crabs	-	-	-	1,012	7,249	5,830
Other mollusc and crustacean	-	-	-	-	•	3
Total mollusc and crustacean	**1**	**1**	**158**	**4,246**	**12,405**	**10,568**
Other items	-	-	-	-	-	•
Total	**8**	**8**	**167**	**5,411**	**19,709**	**17,195**

TABLE 18.1A

MONTHLY LANDINGS ON THE GASPE PENINSULA BY SPECIES,

1987 SEASON,

(Value in thousands of dollars)

July	August	September	October	November	December	Total
1,692	2,954	1,492	1,401	466	-	17,180
•	-	•	1	-	-	9
232	195	65	98	2	-	721
41	38	21	20	1	-	264
334	572	384	271	71	-	2,393
108	155	66	26	-	-	636
35	16	39	10	5	-	175
-	-	-	-	-	-	-
3,193	2,786	1,156	91	•	-	11,302
24	45	32	25	•	-	161
4	4	1	2	•	-	26
8	5	10	1	3	-	34
5,671	6,770	3,266	1,946	548	-	32,901
37	400	451	18	-	-	1,121
28	27	19	4	-	-	142
-	1	-	-	-	-	1
-	-	6	18	•	-	24
7	-	-	-	-	-	128
-	-	1	2	-	-	20
-	-	-	-	-	-	•
•	•	•	-	-	-	2
72	428	477	42	•	-	1,438
18	19	8	2	-	-	363
-	-	-	-	-	-	-
-	-	-	-	-	-	1
49	29	11	2	1	-	177
6	7	5	4	-	-	55
137	34	-	-	-	-	4,148
1,858	1,910	1,308	622	2	-	14,573
576	-	-	-	-	-	14,667
•	-	-	•	-	-	3
2,644	1,999	1,332	630	3	-	33,987
-	-	-	-	-	-	•
8,387	9,197	5,075	2,618	551	-	68,326

FIGURE 73

Monthly evolution of landings in Gaspe, by species group in 1987

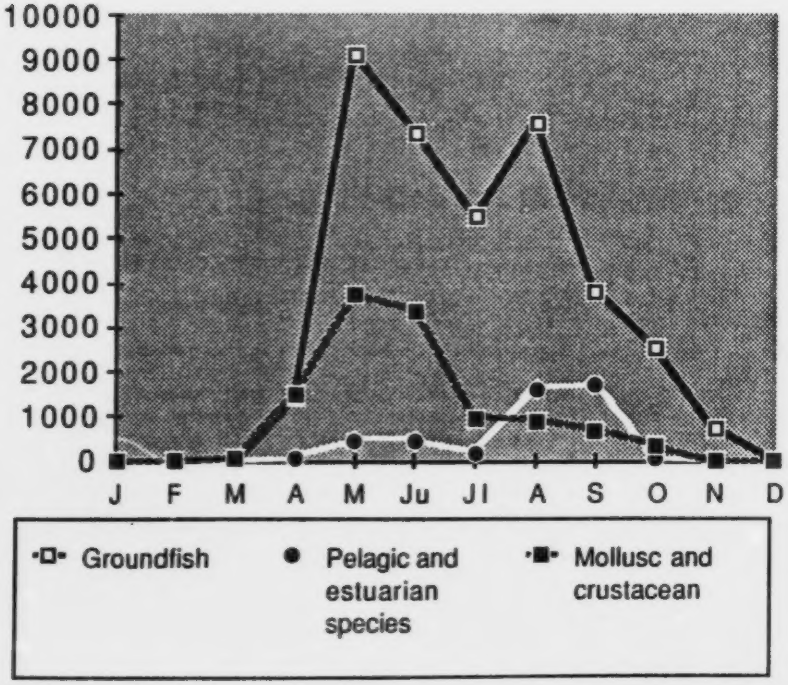


FIGURE 74

Monthly evolution of landed value in Gaspe, by species group in 1987

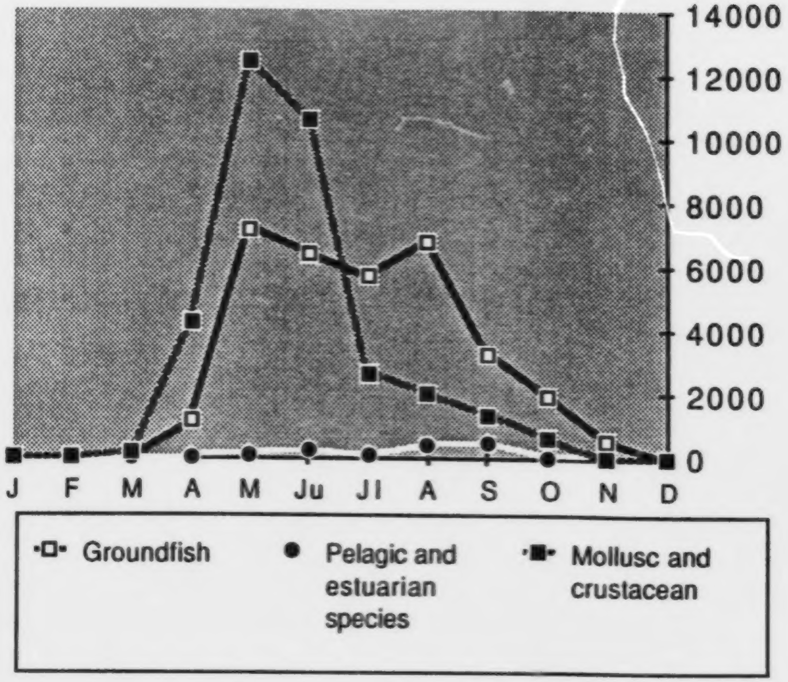


TABLE 19

LANDINGS, GASPE NORTH, 1984 TO 1987

BIC TO RIVIERE-LA-MADELEINE

(Quantity in rounded metric tons, live weight and value in thousands of dollars)

SPECIES	1984		1985		1936		1987		Var. in %	
	Quantity	Value	Quantity	Value	Quantity	Value	Quantity	Value	Quantity	Value
Cod	2,061	815	2,420	1,066	1,971	1,154	2,155	1,859	9.3	61.1
Haddock	8	5	12	9	45	40	5	5	-88.9	-87.5
Redfish	355	87	238	65	259	97	369	164	42.5	69.1
Atlantic Halibut	7	25	4	16	6	18	22	51	266.7	183.3
American Plaice	346	145	543	294	389	255	834	774	114.4	203.5
Greysole	122	144	306	262	409	381	449	451	9.8	18.4
Winter Flounder	4	1	•	•	197	128	128	95	-35.0	-25.8
Unspecified Flounders	11	4	-	-	-	-	-	-	N/A	N/A
Greenland Halibut	1,162	684	1,407	987	4,863	4,001	7,060	9,207	45.2	130.1
White Hake	2	•	30	6	18	4	39	11	116.7	175.0
Catfish	-	-	1	•	•	•	•	•	N/A	N/A
Other groundfish	•	•	1	1	3	6	5	11	66.7	83.3
Total groundfish	**4,078**	**1,910**	**4,961**	**2,706**	**8,159**	**6,084**	**11,066**	**12,628**	**35.6**	**107.6**
Herring	211	56	138	33	196	70	164	56	-16.3	-20.0
Mackerel	-	-	5	2	5	2	6	2	20.0	0.0
Tuna, Bluefin	-	-	-	-	-	-	-	-	N/A	N/A
Eels	-	-	1	4	2	9	3	11	50.0	22.2
Salmon	1	7	5	41	2	16	2	16	0.0	0.0
Smelts	-	-	-	-	•	•	•	•	N/A	N/A
Capelin	•	•	-	-	-	-	-	-	N/A	N/A
Other pelagic and estuarian species	•	•	1	1	8	6	1	1	-87.5	-83.3
Total pelagic and estuarian species	**212**	**63**	**151**	**81**	**213**	**103**	**176**	**86**	**-17.4**	**-16.5**
Soft Shell Clams	-	-	-	-	-	-	-	-	N/A	N/A
Quahaugs Clams	-	-	-	-	-	-	-	-	N/A	N/A
Mussels	-	-	-	-	-	-	-	-	N/A	N/A
Scallops	11	18	3	6	13	27	20	37	53.8	37.0
Winkles	111	47	28	24	8	7	59	43	N/A	N/A
Lobsters	•	1	•	3	•	1	1	8	N/A	N/A
Shrimp	2,357	3,118	3,009	3,930	2,515	4,386	2,099	5,114	-16.5	16.6
Snow Crabs	496	663	374	473	336	680	425	1,446	26.5	112.6
Other mollusc and crustacean	-	-	-	-	2	2	•	1	N/A	-50.0
Total mollusc and crustacean	**2,975**	**3,847**	**3,415**	**4,436**	**2,873**	**5,103**	**2,604**	**6,649**	**-9.4**	**30.3**
Other items	3	1	•	•	-	-	-	-	N/A	N/A
Total	**7,268**	**5,821**	**8,526**	**7,224**	**11,245**	**11,289**	**13,846**	**19,363**	**23.1**	**71.5**

TABLE 20

LANDINGS, GASPE EAST, 1984 TO 1987

GRANDE VALLÉE TO CAP GASPÉ

(Quantity in rounded metric tons, live weight and value in thousands of dollars)

SPECIES	1984		1985		1986		1987		Var. in %	
	Quantity	Value	Quantity	Value	Quantity	Value	Quantity	Value	Quantity	Value
Cod	12,201	4,979	13,238	6,108	11,725	6,153	10,784	8,001	-8.0	30.0
Haddock	-	-	2	1	3	1	•	•	N/A	N/A
Redfish	778	230	303	78	381	125	1,145	533	200.5	326.4
Atlantic Halibut	28	64	52	152	60	156	60	143	0.0	-8.3
American Plaice	753	248	752	274	1,102	576	1,051	791	-4.6	37.3
Greysole	23	9	•	•	2	1	•	•	N/A	N/A
Winter Flounder	20	6	1	•	1	1	-	-	N/A	N/A
Unspecified Flounders	25	7	•	•	-	-	-	-	N/A	N/A
Greenland Halibut	149	89	310	118	454	266	1,514	1,851	233.5	N/A
White Hake	•	•	10	2	35	7	85	31	142.9	342.9
Catfish	•	•	1	•	14	4	45	18	221.4	350.0
Other groundfish	•	•	•	•	5	1	35	18	N/A	N/A
Total groundfish	**13,977**	**5,633**	**14,669**	**6,734**	**13,783**	**7,290**	**14,719**	**11,386**	**6.8**	**56.2**
Herring	76	26	270	79	243	85	344	156	41.6	83.5
Mackerel	4	1	31	10	21	7	28	9	33.3	28.6
Tuna, Bluefin	-	-	-	-	-	-	-	-	N/A	N/A
Eels	-	-	-	-	-	-	-	-	N/A	N/A
Salmon	-	-	•	•	-	-	-	-	N/A	N/A
Smelts	-	-	-	-	•	•	-	-	N/A	N/A
Capelin	-	-	-	-	-	-	-	-	N/A	N/A
Other pelagic and estuarian species	•	•	6	3	7	2	-	-	N/A	N/A
Total pelagic and estuarian species	**80**	**27**	**308**	**93**	**271**	**94**	**372**	**165**	**37.3**	**75.5**
Soft Shell Clams	•	•	-	-	-	-	-	-	N/A	N/A
Quahaugs Clams	-	-	-	-	-	-	-	-	N/A	N/A
Mussels	-	-	-	-	-	-	-	-	N/A	N/A
Scallops	-	-	-	-	-	-	-	-	N/A	N/A
Winkles	5	3	2	1	3	3	16	12	433.3	300.0
Lobsters	27	131	38	195	18	113	23	156	27.8	38.1
Shrimp	1,979	2,481	2,637	3,526	3,100	5,271	3,955	9,458	27.6	79.4
Snow Crabs	6	5	2	2	•	1	4	11	N/A	N/A
Other mollusc and crustacean	-	-	-	-	-	-	-	-	N/A	N/A
Total mollusc and crustacean	**2,017**	**2,619**	**2,679**	**3,725**	**3,120**	**5,387**	**3,998**	**9,637**	**28.1**	**78.9**
Other items	-	1	-	-	-	-	-	-	N/A	N/A
Total	**16,075**	**8,279**	**17,656**	**10,552**	**17,174**	**12,771**	**19,089**	**21,188**	**11.2**	**65.9**

TABLE 21

LANDINGS, GASPE SOUTH, 1984 TO 1987

CAP-AUX-OS TO PORT DANIEL

(Quantity in rounded metric tons, live weight and value in thousands of dollars)

SPECIES	1984 Quantity	1984 Value	1985 Quantity	1985 Value	1986 Quantity	1986 Value	1987 Quantity	1987 Value	Var. in % Quantity	Var. in % Value
Cod	10,948	4,350	15,543	7,105	11,681	5,472	9,873	7,044	-15.5	28.7
Haddock	•	•	7	4	5	3	2	1	-60.0	-66.7
Redfish	2	•	26	7	1	•	29	10	N/A	N/A
Atlantic Halibut	9	20	24	54	80	187	21	54	-73.8	-71.1
American Plaice	347	112	539	193	658	335	913	596	38.8	77.9
Greysole	2	1	29	18	33	32	3	2	-90.9	-93.8
Winter Flounder	3	1	6	2	24	11	8	6	-66.7	-45.5
Unspecified Flounders	14	4	-	-	-	-	-	-	N/A	N/A
Greenland Halibut	43	29	28	14	8	6	172	231	N/A	N/A
White Hake	373	103	215	45	292	63	246	110	-15.8	74.6
Catfish	26	8	17	4	42	9	23	7	-45.2	-22.2
Other groundfish	•	•	4	1	•	•	1	•	N/A	N/A
Total groundfish	**11,766**	**4,630**	**16,439**	**7,447**	**12,825**	**6,117**	**11,291**	**8,061**	**-12.0**	**31.8**
Herring	1,008	215	1,477	393	1,743	449	3,064	802	75.8	78.6
Mackerel	132	34	188	46	136	31	200	50	47.1	61.3
Tuna, Bluefin	12	26	1	2	2	4	•	1	N/A	-75.0
Eels	-	-	-	-	-	-	-	-	N/A	N/A
Salmon	-	-	-	-	1	9	12	112	N/A	N/A
Smelts	-	-	1	•	1	1	-	-	N/A	N/A
Capelin	-	-	17	2	-	-	-	-	N/A	N/A
Other pelagic and estuarian species	•	•	•	•	4	1	2	1	-50.0	0.0
Total pelagic and estuarian species	**1,152**	**275**	**1,684**	**442**	**1,886**	**496**	**3,278**	**966**	**73.8**	**94.8**
Soft Shell Clams	-	-	-	-	•	1	-	-	N/A	N/A
Quahaugs Clams	-	-	-	-	-	-	-	-	N/A	N/A
Mussels	2	1	1	1	-	-	-	-	N/A	N/A
Scallops	21	31	22	31	23	33	21	37	-8.7	12.1
Winkles	•	•.	1	1	-	-	-	-	N/A	N/A
Lobsters	474	2,378	414	2,245	402	2,495	466	3,131	15.9	25.5
Shrimp	-	-	1	1	-	-	-	-	N/A	N/A
Snow Crabs	4,603	5,618	5,940	7,346	7,461	13,105	4,039	13,113	-45.9	0.1
Other mollusc and crustacean	2	1	1	1	1	•	11	3	N/A	N/A
Total mollusc and crustacean	**5,102**	**8,029**	**6,380**	**9,626**	**7,887**	**15,634**	**4,537**	**16,284**	**-42.5**	**4.2**
Other items	3	2	-	-	•	•	-	-	N/A	N/A
Total	**18,023**	**12,936**	**24,502**	**17,515**	**22,598**	**22,247**	**19,106**	**25,311**	**-15.5**	**13.8**

TABLE 22

LANDINGS, BAIE-DES-CHALEURS, 1984 TO 1987

SHIGAWAKE TO MATAPEDIA

(Quantity in rounded metric tons, live weight and value in thousands of dollars)

SPECIES	1984		1985		1986		1987		Var. in %	
	Quantity	Value	Quantity	Value	Quantity	Value	Quantity	Value	Quantity	Value
Cod	617	243	548	245	266	147	340	276	27.8	87.8
Haddock	•	•	1	1	4	3	2	3	-50.0	0.0
Redfish	13	3	•	•	3	1	27	13	N/A	N/A
Atlantic Halibut	•	1	1	2	1	1	6	15	N/A	N/A
American Plaice	185	80	230	114	157	92	246	233	56.7	153.3
Greysole	16	9	20	14	33	30	153	183	363.6	N/A
Winter Flounder	111	40	57	38	98	63	111	74	13.3	17.5
Unspecified Flounders	14	6	-	-	-	-	-	-	N/A	N/A
Greenland Halibut	1	•	•	•	1	1	15	13	N/A	N/A
White Hake	40	11	31	8	20	5	26	11	30.0	120.0
Catfish	-	-	•	•	•	•	•	•	N/A	N/A
Other groundfish	8	3	74	43	43	28	14	6	-67.4	-78.6
Total groundfish	**1,006**	**396**	**963**	**465**	**625**	**372**	**940**	**827**	**50.4**	**122.3**
Herring	296	64	630	153	631	130	472	107	-25.2	-17.7
Mackerel	292	77	219	53	296	76	293	81	-1.0	6.6
Tuna, Bluefin	-	-	2	6	•	1	-	-	N/A	N/A
Eels	-	-	-	-	-	-	3	13	N/A	N/A
Salmon	•	2	•	•	-	-	•	•	N/A	N/A
Smelts	44	20	53	42	20	11	9	20	-55.0	81.8
Capelin	-	-	4	2	1	1	•	•	N/A	N/A
Other pelagic and estuarian species	•	•	•	•	•	•	•	1	N/A	N/A
Total pelagic and estuarian species	**633**	**162**	**909**	**256**	**948**	**219**	**777**	**222**	**-18.0**	**1.4**
Soft Shell Clams	6	2	21	38	41	89	163	362	297.6	306.7
Quahaugs Clams	2	1	-	-	-	-	-	-	N/A	N/A
Mussels	1	•	1	1	1	1	1	1	0.0	0.0
Scallops	133	211	102	150	78	110	64	103	-17.9	-6.4
Winkles	-	-	-	-	•	•	-	-	N/A	N/A
Lobsters	127	673	135	717	137	803	128	853	-6.6	6.2
Shrimp	-	-	-	-	-	-	-	-	N/A	N/A
Snow Crabs	711	927	703	704	436	754	27	97	-93.8	-87.1
Other mollusc and crustacean	10	6	2	3	-	-	1	•	N/A	N/A
Total mollusc and crustacean	**991**	**1,821**	**964**	**1,613**	**693**	**1,757**	**384**	**1,416**	**-44.6**	**-19.4**
Other items	•	•	•	•	•	•	•	•	N/A	N/A
Total	**2,629**	**2,379**	**2,836**	**2,335**	**2,266**	**2,348**	**2,101**	**2,465**	**-7.3**	**5.0**

QUEBEC MARINE FISHERIES
LANDING AVERAGE PRICE BY SPECY
(EXCLUDING SUPPLEMENTARY SLIPS)

QUEBEC REGION
TABLE 23
GASPESIE

($ / KILOGRAM)

SPECIES	LANDED FORM DESCRIPTION	1986 (FINAL)	1987 (FINAL)	VARIATION IN %
GROUNDFISH				
COD	1	.546	.809	48.1
	2	.600	.886	47.6
	6	2.816	-	N/A
HADDOCK	1	.640	1.103	72.3
	2	1.000	1.159	15.9
REDFISH	1	.347	.460	32.5
	2	.340	.413	21.4
HALIBUT	1	3.284	2.690	-18.0
	2	2.688	2.759	2.6
PLAICE	1	.542	.781	44.0
	2	.655	1.344	105.1
GREYSOLE (WITCH)	1	.929	1.051	13.1
WINTER FLOUNDER	1	.623	.700	12.3
	2	.766	.773	.9
GREENLAND HALIBUT(TURBOT)	1	.920	1.161	26.1
	2	.881	1.424	61.6
WHITE HAKE	1	.278	.544	95.6
	2	.258	.489	89.5
CATFISH	1	.234	.359	53.4
	2	.245	.572	133.4
PELAGIC AND ESTUARIAL FISH				
HERRING	1	.247	.271	9.7
	7	-	.981	N/A
MACKEREL	1	.230	.262	13.9

QUEBEC MARINE FISHERIES
LANDING AVERAGE PRICE BY SPECY
(EXCLUDING SUPPLEMENTARY SLIPS)

QUEBEC REGION
TABLE 23
GASPESIE

($ / KILOGRAM)

SPECIES	LANDED FORM DESCRIPTION	1986 (FINAL)	1987 (FINAL)	VARIATION IN %
TUNA, BLUEFIN	1	2.921	4.420	51.3
EELS	1	-	4.916	N/A
SMELTS	1	.225	.665	195.5
MOLLUSCS AND CRUSTACEANS				
SCALLOP	1	15.578	-	N/A
	7	12.125	14.080	16.1
WHELK (WINKLE)	1	1.313	1.870	42.4
LOBSTER	1	6.124	6.702	9.4
SHRIMP	1	1.720	2.407	39.9
SNOW CRABS (QUEEN)	1	1.763	3.262	85.0

Ranking of fishing ports

GASPE PENINSULA

Rivière au Renard, Newport Point, Grande Rivière and Sainte Thérèse are the ports that come up year after year at the head of the list of top ten points of landing, for both value and volume of product.

Rivière au Renard, with average annual landings of 13,352 t, held first place for all four years. It was also first for value of landings, contributing $6.8 million in 1984, $8.4 million in 1985, $10.3 million in 1986 and $17.7 million in 1987.

The second and third places for volume of landings were consistently held by Grande Rivière and Newport Point, which averaged 6,729 and 6,339 t respectively and generated average values of $6.3 million and $3.4 million. Note that Newport Point was not in second or third place for value of landings except in 1985, when it ranked third.

Fourth place for volume of landings was most often held by Sainte Thérèse, which ranked higher in terms of value. Average annual landings at this port amounted to 3,588 t worth $4.8 million.

There was a great deal of jockeying for position among the ports occupying fifth to tenth place for both volume and value. Few new names come up on the lists, but shifts in the order of ports are more frequent.

TABLE 24

- GASPE PENINSULA -

TOP 10 POINTS OF LANDING, 1984 TO 1987

1984	Volume in m. t. live weight	% of total for Gaspe	1985	Volume in m. t. live weight	% of total for Gaspe
1- Rivière-au-Renard	12,468	28.34	1- Rivière-au-Renard	13,336	24.92
2- Grande-Rivière	6,286	14.29	2- Grande-Rivière	8,493	15.87
3- Newport Point	4,685	10.65	3- Newport Point	7,424	13.87
4- Cloridorme	2,691	6.12	4- Sainte-Thérèse	3,006	5.62
5- Sainte-Thérèse	2,623	5.96	5- Cloridorme	2,952	5.52
6- Sainte-Anne-des-Monts	2,173	4.94	6- Matane	2,745	5.13
7- Matane	1,715	3.90	7- Sainte-Anne-des-Monts	2,101	3.93
8- Paspébiac	1,576	3.58	8- Paspébiac	1,633	3.05
9- Ruisseau Chapados	984	2.24	9- Ruisseau Chapados	1,391	2.60
10 - Anse-à-Beaufils	959	2.18	10 - Ilots de Newport	1,191	2.23

1984	Value in thousands of dollars	% of total for Gaspe	1985	Value in thousands of dollars	% of total for Gaspe
1- Rivière-au-Renard	6,844	23.26	1- Rivière-au-Renard	8,391	22.30
2- Grande-Rivière	4,096	13.92	2- Grande-Rivière	6,422	17.07
3- Sainte-Thérèse	2,395	8.14	3- Newport Point	3,366	8.95
4- Newport Point	1,976	6.72	4- Sainte-Thérèse	2,853	7.58
5- Sainte-Anne-des-Monts	1,918	6.52	5- Matane	2,670	7.10
6- Matane	1,854	6.30	6- Sainte-Anne-des-Monts	2,214	5.88
7- Paspébiac	1,408	4.79	7- Ruisseau Chapados	1,665	4.43
8- Ruisseau Chapados	1,365	4.64	8- Cloridorme	1,360	3.61
9- Cloridorme	1,189	4.04	9- Paspébiac	1,188	3.16
10 - Anse-à-Beaufils	639	2.17	10 - St-Joachim-de-Tourelle	597	1.59

TABLE 24

- GASPE PENINSULA -

TOP 10 POINTS OF LANDING, 1984 TO 1987

1986	Volume in m. t. live weight	% of total for Gaspe	1987	Volume in m. t. live weight	% of total for Gaspe
1- Rivière-au-Renard	12,644	23.73	1- Rivière-au-Renard	14,958	27.63
2- Newport Point	7,295	13.69	2- Newport Point	5,950	10.99
3- Grande-Rivière	7,019	13.17	3- Grande-Rivière	5,118	9.45
4- Sainte-Thérèse	4,570	8.58	4- Sainte-Thérèse	4,151	7.67
5- Matane	3,063	5.75	5- Cloridorme	3,281	6.06
6- Cloridorme	3,024	5.68	6- Sainte-Anne-des-Monts	3,181	5.88
7- Anse-des-Méchins	2,213	4.15	7- Matane	2,811	5.19
8- Sainte-Anne-des-Monts	1,762	3.31	8- St-Joachim-de-Tourelle	2,126	3.93
9- St-Joachim-de-Tourelle	1,628	3.06	9- Anse-des-Méchins	1,936	3.58
10 - Ruisseau Chapados	1,622	3.04	10 - Rimouski Est	1,478	2.73

1986	Value in thousands of dollars	% of total for Gaspe	1987	Valeur en milliers de dollars	% relative de l'ensemble de la Gaspésie
1- Rivière-au-Renard	10,273	21.11	1- Rivière-au-Renard	17,673	25.87
2- Grande-Rivière	7,786	16.00	2- Sainte-Thérèse	8,019	11.74
3- Sainte-Thérèse	5,753	11.82	3- Grande-Rivière	6,983	10.22
4- Matane	3,960	8.14	4- Newport Point	5,017	7.34
5- Newport Point	3,351	6.89	5- Sainte-Anne-des-Monts	4,704	6.88
6- Ruisseau Chapados	2,840	5.84	6- Matane	4,478	6.55
7- Sainte-Anne-des-Monts	2,108	4.33	7- Cloridorme	2,734	4.00
8- Anse-des-Méchins	1,635	3.36	8- Rimouski Est	2,680	3.92
9- Cloridorme	1,554	3.19	9- St-Joachim-de-Tourelle	2,551	3.73
10 - Rimouski Est	1,218	2.50	10 - Anse-des-Méchins	2,390	3.50

Landings in 1987

NORTH SHORE

Landings

For the North Shore sector as a whole, total landings were up by nearly 10% from 1986, compared with nearly 8% for all of Quebec. The North Shore sector contributed 19% of all Quebec region landings with an associated value of $30.8 million as opposed to $17.7 million in 1986 (an increase of 74%).

Overall, all species recorded a rise in landings except cod and soft shell clams, which dropped by 27 and 63% respectively from their 1986 levels. At the same time, there was a general increase noted in landed prices.

Groundfish

Groundfish operators continued to direct their efforts toward Greenland halibut (turbot) and achieved record landings of 1,722 t compared with 903 t in 1986 (up nearly 91%) and an associated value of $2.3 million as opposed to $710,000 in 1986 (up 227%).

On the Lower North Shore there continued to be a demand for lumpfish row. Accordingly, most groundfish operators started the 1987 season by directing their efforts toward this fishery and brought in 114.3 t of caviar worth $443,000.

Pelagics

Herring landings rose considerably, by 102%, to 1,448 t in 1987 from 717 t in 1986. The average landed price for this species stayed about the same at $0.12 a pound ($0.24/kg).

Mackerel volume was down 44% and the average price was stable.

Molluscs and crustaceans

The upswing in mollusc and crustacean landings that began in 1986 continued over the 1987 season to yield a total landed volume of 9,886 t compared with 8,450 t in 1986, or an increase of 17%.

The main species to post notable gains were scallops (volume up 108%, value up 150%), whelks (volume up 94%, value up 156%) and shrimp (volume up 55%, value up 113%). Average landed price climbed from $1.28/kg in 1986 to $1.53/kg in 1987 for scallops, from $0.29 to $0.38/kg for whelks and from $1.68 to $2.31/kg for shrimp.

Although the overall volume of crab landings dropped slightly, by 4%, from 1986, their value nearly doubled as the average landed price shot up from $1.70/kg in 1986 to $3.05/kg in 1987.

The Upper North Shore had a 13.4% share of total landings and 12.5% of associated value; the Middle North Shore, 53.9 and 55.5%; and the Lower North Shore, 33.8 and 32%.

The two top-ranking points of landing for the North Shore were Sept Iles, which placed fourth in terms of volume landed in Quebec and third for associated value, and Havre Saint Pierre, which placed sixth province-wide for associated value.

TABLE 25

LANDINGS ON THE NORTH SHORE

(Quantity in rounded metric tons, live weight)

(Value in thousands of dollars)

SPECIES	1984 Quantity	1984 Value	1985 Quantity	1985 Value	1986 Quantity	1986 Value	1987 Quantity	1987 Value	Var. in % Quantity	Var. in % Value
Cod	10,554	3,916	8,808	3,306	6,051	2,911	4,439	3,491	-26.6	19.9
Haddock	-	-	-	-	2	1	1	•	-50.0	N/A
Redfish	51	12	46	11	122	49	265	129	117.2	163.3
Atlantic Halibut	12	45	29	99	39	120	15	60	-61.5	-50.0
American Plaice	38	18	148	77	223	141	282	213	26.5	51.1
Greysole	•	•	2	1	•	•	11	11	N/A	N/A
Winter Flounder	•	•	-	-	5	1	16	9	220.0	N/A
Unspecified Flounders	1	•	2	1	-	-	-	-	N/A	N/A
Greenland Halibut	155	82	264	153	903	710	1,722	2,324	90.7	227.3
White Hake	3	1	-	-	9	2	26	9	188.9	350.0
Catfish	•	•	-	-	8	1	6	1	-25.0	0.0
Other groundfish	•	•	1	•	10	6	26	15	160.0	150.0
Total groundfish	**10,814**	**4,074**	**9,300**	**3,648**	**7,372**	**3,942**	**6,809**	**6,262**	**-7.6**	**58.9**
Herring	1,044	247	601	159	717	185	1,448	335	102.0	81.1
Mackerel	71	23	70	23	180	52	101	23	-43.9	-55.8
Tuna, Bluefin	-	-	-	-	-	-	-	-	N/A	N/A
Eels	-	-	-	-	-	-	•	2	N/A	N/A
Salmon	63	402	72	556	86	562	96	639	11.6	13.7
Smelts	•	•	-	-	•	•	-	-	N/A	N/A
Capelin	-	-	7	3	•	•	•	•	N/A	N/A
Other pelagic and estuarian species	•	•	•	1	2	6	3	8	50.0	33.3
Total pelagic and estuarian species	**1,178**	**672**	**750**	**742**	**985**	**805**	**1,648**	**1,007**	**67.3**	**25.1**
Soft Shell Clams	265	192	692	404	757	496	280	194	-63.0	-60.9
Quahaugs Clams	•	•	-	-	-	-	-	-	N/A	N/A
Mussels	-	-	•	1	•	•	•	•	N/A	N/A
Scallops	375	556	630	835	825	1,056	1,714	2,636	107.8	149.6
Winkles	188	42	129	37	630	184	1,224	472	94.3	156.5
Lobsters	53	317	93	555	130	792	155	1,120	19.2	41.4
Shrimp	942	1,390	890	1,306	1,075	1,807	1,661	3,847	54.5	112.9
Snow Crabs	4,630	5,064	5,437	5,526	5,030	8,547	4,848	14,784	-3.6	73.0
Other mollusc and crustacean	278	147	278	145	3	2	4	6	33.3	200.0
Total mollusc and crustacean	**6,731**	**7,708**	**8,149**	**8,809**	**8,450**	**12,884**	**9,886**	**23,059**	**17.0**	**79.0**
Other items	-	-	-	-	34	42	115	444	238.2	N/A
Total	**18,723**	**12,454**	**18,199**	**13,199**	**16,841**	**17,673**	**18,458**	**30,772**	**9.6**	**74.1**

FIGURE 75

Landings on North Shore from 1984 to 1987, by species group

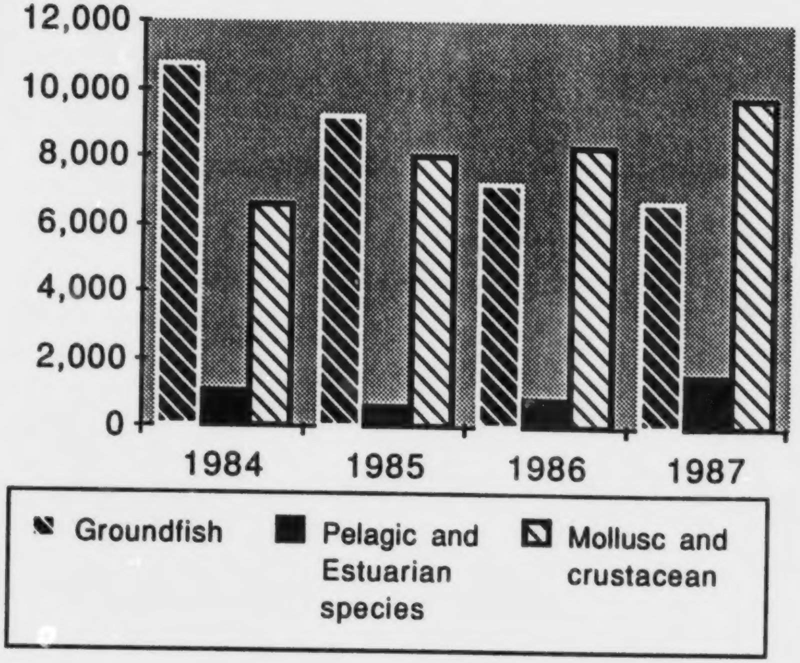


FIGURE 76

Landed value on North Shore from 1984 to 1987, by species group

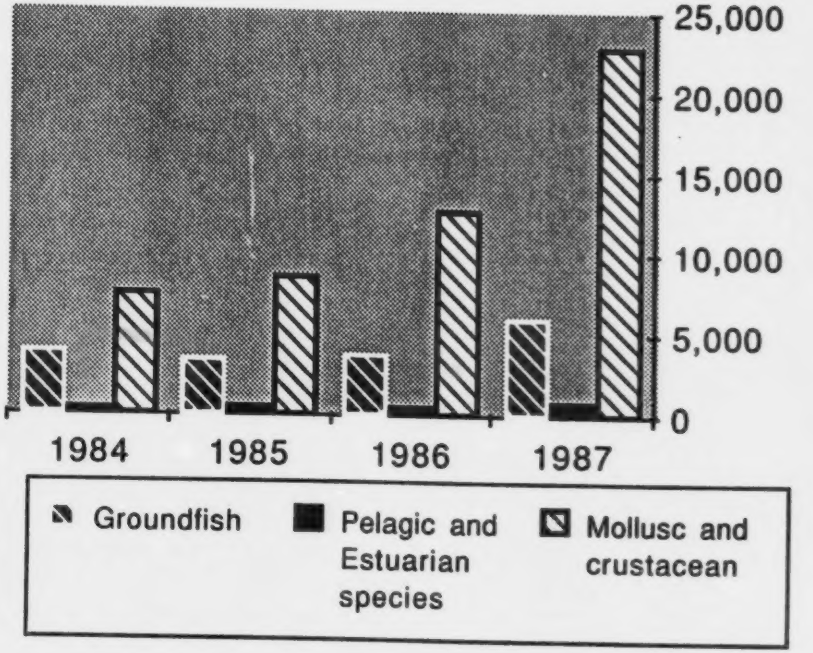


FIGURE 77

Landings on North Shore for particular species from 1984 to 1987

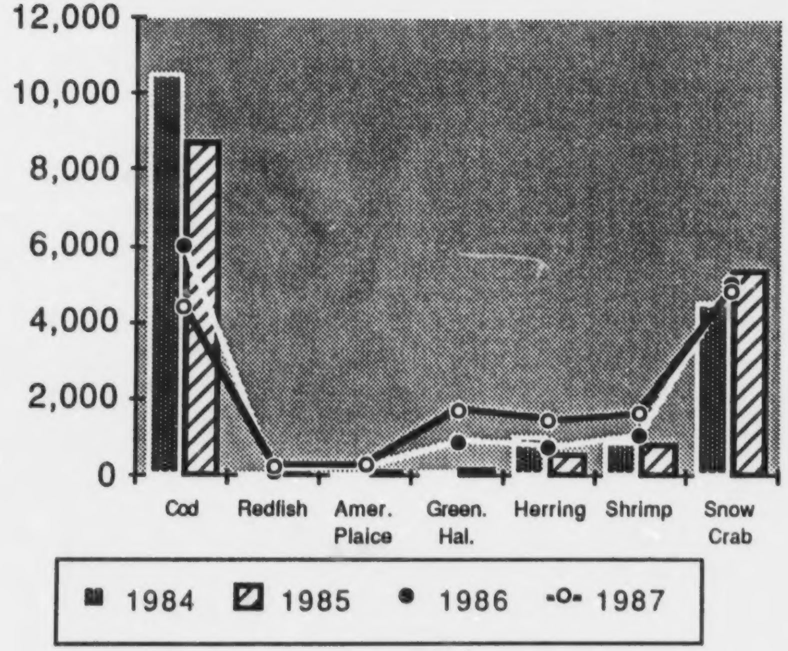


FIGURE 78

Value of particular species landed on North Shore from 1984 to 1987

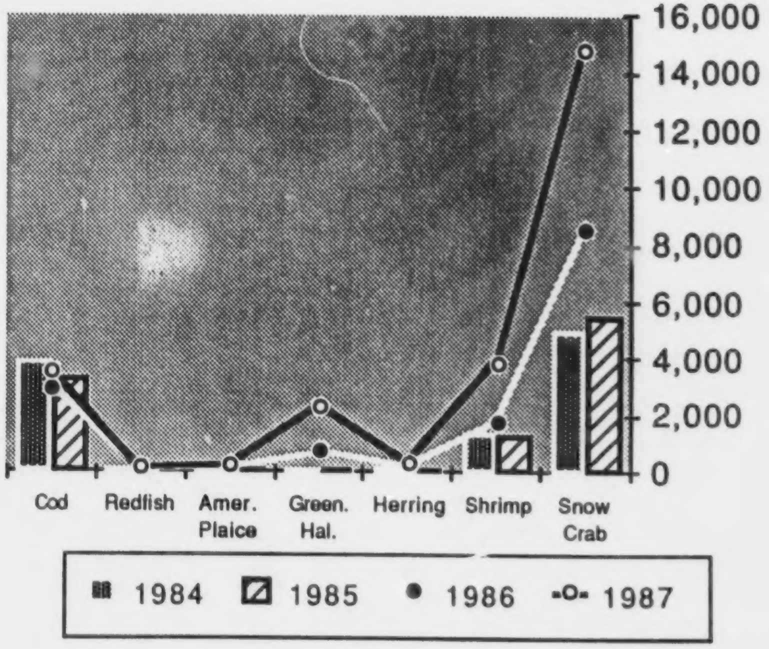


FIGURE 79

Landings on North Shore, by species group in 1987

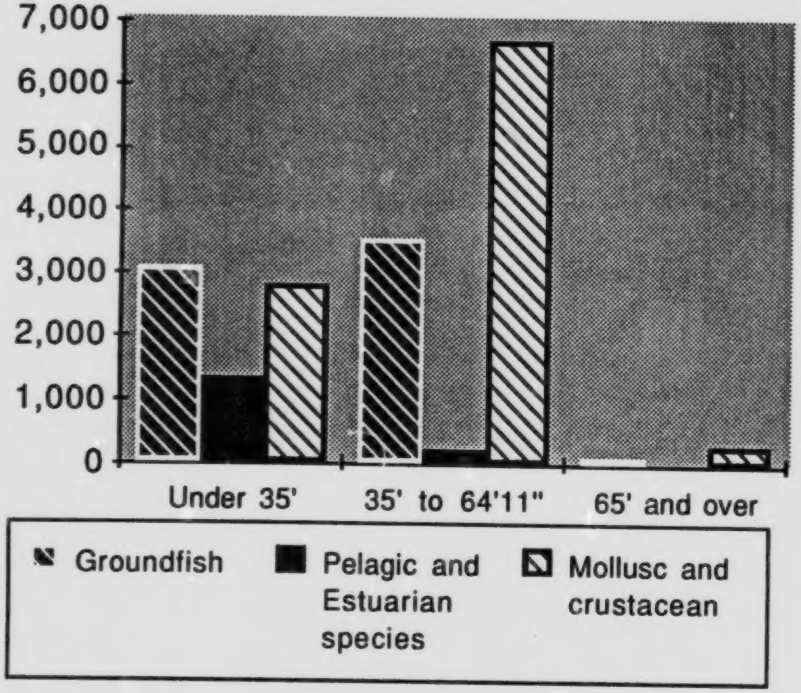


FIGURE 80

Landed value on North Shore, by species group in 1987

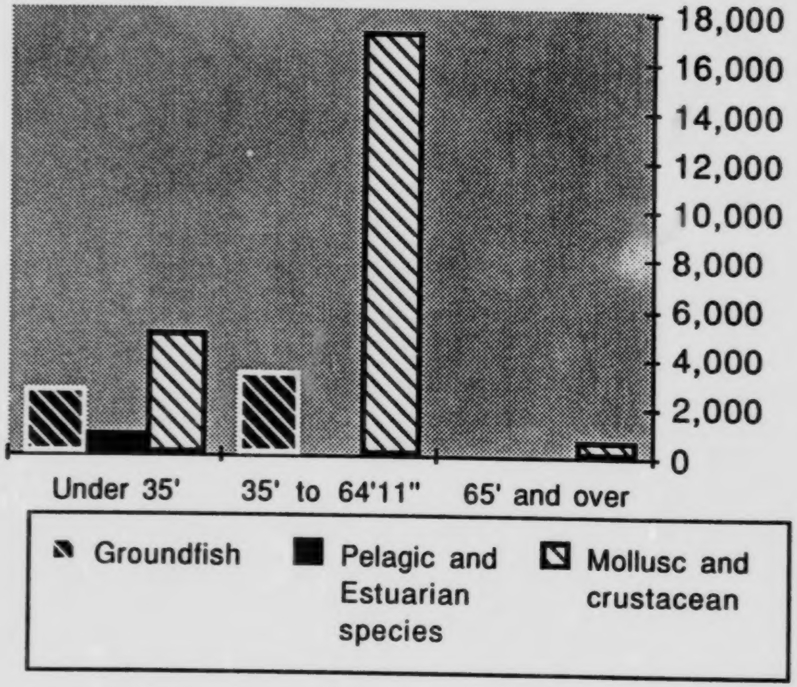


FIGURE 81

Distribution of landings on North Shore, by boat length in 1987

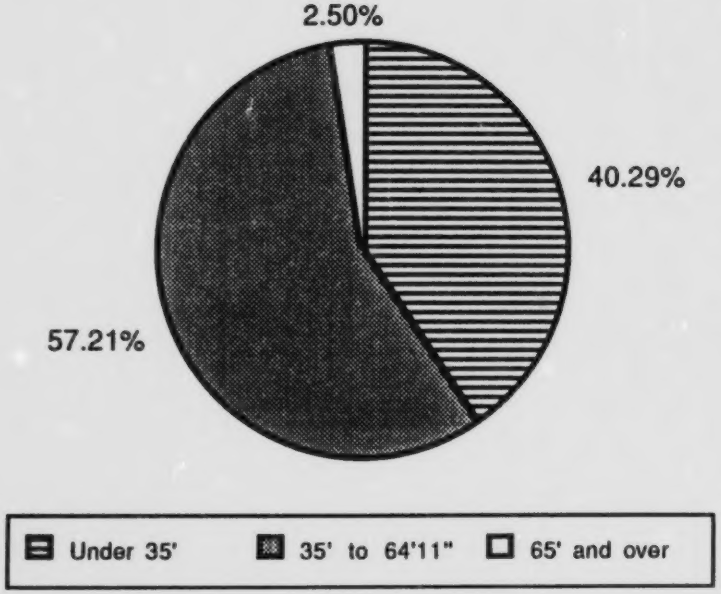
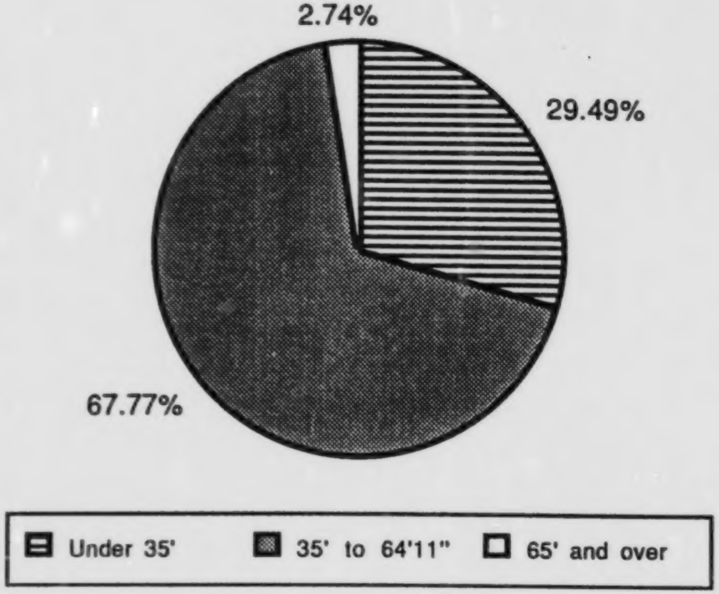


FIGURE 82

Distribution of landed value on North Shore, by boat length in 1987



Landings by vessel length category

NORTH SHORE

The North Shore was characterized by a smaller spread in the volume of landings recorded for the different length groupings, particularly when we compare vessels under 35' and vessels 35' to 64'11". None the less, the 35' to 64'11" category still makes the greatest contribution to landings in terms of both volume and value.

From 1984 to 1987, vessels 35' to 64'11" accounted for 49 to 57% of the total volume landed on the North Shore and 58 to 68% of the value of landings.

Vessels under 35' contributed 40 to 48% of the volume of landings and 29 to 38% of the associated value. The volume figure was the highest for this vessel category among Quebec's three maritime sectors.

The fleet of vessels over 65' brought in 2 to 4% of the volume and value of landings. This fleet comprised 2 ships in 1986 and 3 in 1987. In contrast there were 973 vessels under 35' in 1986 and 1,007 in 1987. Meanwhile, the number of vessels 45' to 64'11" was 29 in 1986 and 32 in 1987.

TABLE 25A

LANDINGS ON THE NORTH SHORE BY VESSELS UNDER 35' - 1984 TO 1987

(Quantity in rounded metric tons, live weight)

(Value in thousands of dollars)

SPECIES	1984		1985		1986		1987		Var. in %	
	Quantity	Value	Quantity	Value	Quantity	Value	Quantity	Value	Quantity	Value
Cod	6,446	2,457	5,997	2,284	3,257	1,575	2,509	2,017	-23.0	28.1
Haddock	-	-	-	-	•	•	•	•	N/A	N/A
Redfish	•	•	2	1	5	2	74	51	N/A	N/A
Atlantic Halibut	9	29	23	74	26	79	10	43	-61.5	-45.6
American Plaice	8	3	15	6	24	13	46	30	91.7	130.8
Greysole	•	•	-	-	•	•	•	•	N/A	N/A
Winter Flounder	•	•	-	-	4	1	13	8	225.0	N/A
Unspecified Flounders	•	•	-	-	-	-	-	-	N/A	N/A
Greenland Halibut	16	7	12	5	123	93	418	589	239.8	N/A
White Hake	2	•	-	-	5	1	7	2	40.0	100.0
Catfish	-	-	-	-	7	1	6	1	-14.3	0.0
Other groundfish	-	-	1	•	7	3	21	13	200.0	333.3
Total groundfish	**6,481**	**2,496**	**6,050**	**2,370**	**3,458**	**1,768**	**3,104**	**2,754**	**-10.2**	**55.8**
Herring	1,001	237	580	153	664	170	1,190	263	79.2	54.7
Mackerel	70	23	70	22	179	52	97	22	-45.8	-57.7
Tuna, Bluefin	-	-	-	-	-	-	-	-	N/A	N/A
Eels	-	-	-	-	-	-	-	-	N/A	N/A
Salmon	63	399	72	556	85	559	96	639	12.9	14.3
Smelts	•	•	-	-	•	•	-	-	N/A	N/A
Capelin	-	-	6	3	•	•	-	-	N/A	N/A
Other pelagic and estuarian species	•	•	•	1	2	6	5	10	150.0	66.7
Total pelagic and estuarian species	**1,134**	**659**	**728**	**735**	**930**	**787**	**1,388**	**934**	**49.2**	**18.7**
Soft Shell Clams	265	192	692	403	757	496	280	194	-63.0	-60.9
Quahaugs Clams	•	•	-	-	-	-	-	-	N/A	N/A
Mussels	-	-	1	1	•	•	•	•	N/A	N/A
Scallops	190	252	286	378	322	435	637	1,004	97.8	130.8
Winkles	186	42	119	34	562	161	1,079	407	92.0	152.8
Lobsters	50	300	69	403	104	626	107	733	2.9	17.1
Shrimp	17	28	17	28	20	35	10	26	-50.0	-25.7
Snow Crabs	476	604	462	570	593	1,037	732	2,637	23.4	154.3
Other mollusc and crustacean	278	147	278	145	2	1	2	4	0.0	300.0
Total mollusc and crustacean	**1,462**	**1,565**	**1,924**	**1,962**	**2,360**	**2,791**	**2,847**	**5,005**	**20.6**	**79.3**
Other items	-	-	-	-	29	37	98	382	237.9	N/A
Total	**9,077**	**4,720**	**8,702**	**5,067**	**6,777**	**5,383**	**7,437**	**9,075**	**9.7**	**68.6**

FIGURE 83

Landings on North Shore for the 35' and under from 1984 to 1987 by species group

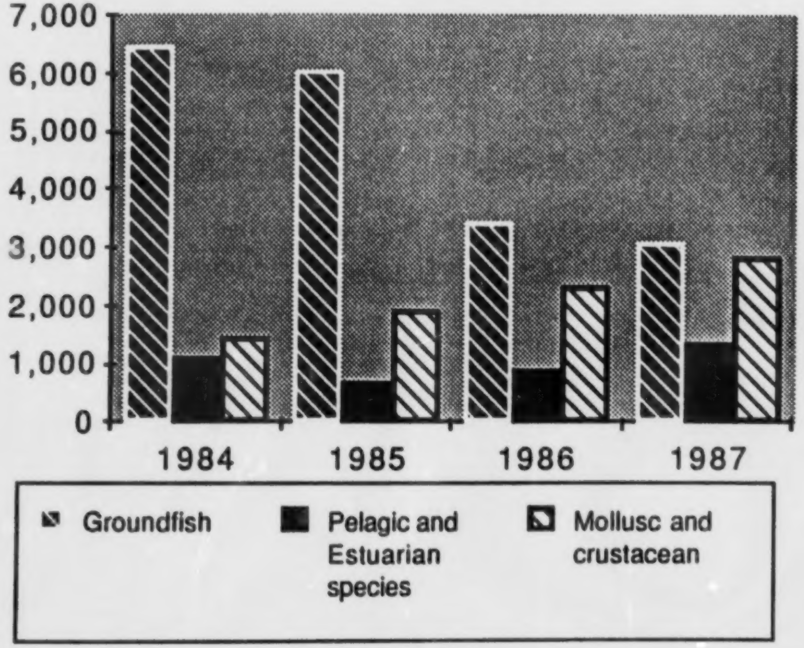


FIGURE 84

Landed value on North Shore for the 35' and under from 1984 to 1987 by species group

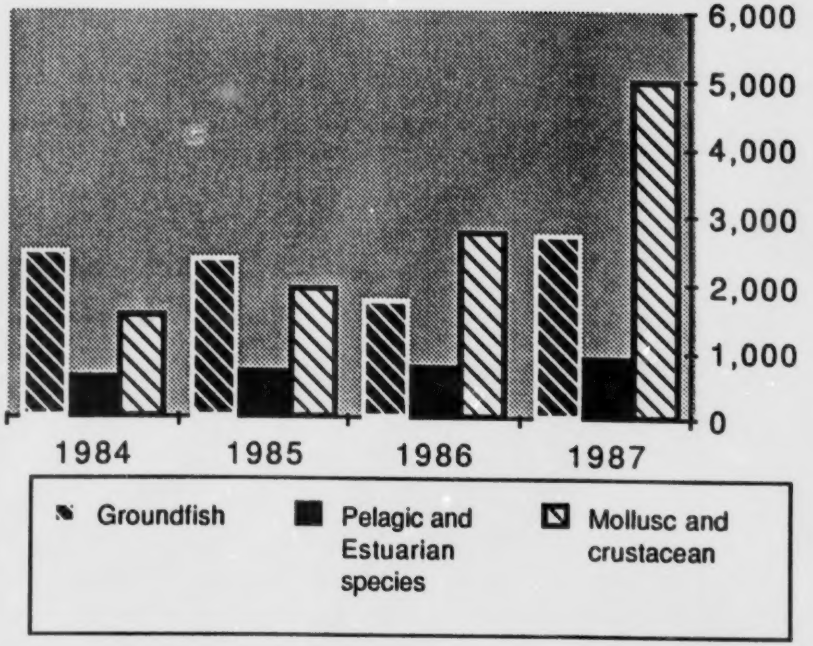


TABLE 25B

LANDINGS ON THE NORTH SHORE BY VESSELS 35' TO 64'11"- 1984 TO 1987

(Quantity in rounded metric tons, live weight)

(Value in thousands of dollars)

SPECIES	1984 Quantity	1984 Value	1985 Quantity	1985 Value	1986 Quantity	1986 Value	1987 Quantity	1987 Value	Var. in % Quantity	Var. in % Value
Cod	3,985	1,420	2,654	955	2,620	1,246	1,861	1,431	-29.0	14.8
Haddock	-	-	-	-	2	1	1	•	-50.0	N/A
Redfish	42	11	33	8	97	37	183	75	88.7	102.7
Atlantic Halibut	2	12	5	23	12	37	5	15	-58.3	-59.5
American Plaice	26	13	105	56	177	113	226	177	27.7	56.6
Greysole	•	•	1	•	•	•	11	11	N/A	N/A
Winter Flounder	-	-	-	-	•	•	2	1	N/A	N/A
Unspecified Flounders	1	•	2	1	-	-	-	-	N/A	N/A
Greenland Halibut	113	65	213	132	736	588	1,263	1,695	71.6	188.3
White Hake	•	•	-	-	4	1	20	7	400.0	N/A
Catfish	•	•	-	-	1	•	•	•	N/A	N/A
Other groundfish	•	•	•	•	4	2	5	2	25.0	0.0
Total groundfish	4,169	1,521	3,013	1,175	3,653	2,025	3,577	3,414	-2.1	68.6
Herring	44	10	20	6	53	15	258	72	386.8	380.0
Mackerel	1	•	1	1	1	•	4	1	300.0	N/A
Tuna, Bluefin	-	-	-	-	-	-	-	-	N/A	N/A
Eels	-	-	-	-	-	-	•	2	N/A	N/A
Salmon	•	2	•	•	1	3	•	1	N/A	-66.7
Smelts	-	-	-	-	-	-	-	-	N/A	N/A
Capelin	-	-	1	•	-	-	-	-	N/A	N/A
Other pelagic and estuarian species	•	•	•	•	•	•	•	•	N/A	N/A
Total pelagic and estuarian species	45	12	22	7	55	18	262	76	376.4	322.2
Soft Shell Clams	-	-	•	•	-	-	-	-	N/A	N/A
Quahaugs Clams	-	-	-	-	-	-	-	-	N/A	N/A
Mussels	-	-	-	-	-	-	-	-	N/A	N/A
Scallops	185	305	343	458	503	622	1,077	1,632	114.1	162.4
Winkles	2	1	10	3	69	23	145	65	110.1	182.6
Lobsters	3	17	24	152	26	165	48	387	84.6	134.5
Shrimp	703	1,079	582	901	712	1,204	1,318	3,072	85.1	155.1
Snow Crabs	4,155	4,460	4,975	4,956	4,436	7,510	4,116	12,146	-7.2	61.7
Other mollusc and crustacean	-	-	-	-	•	•	•	•	N/A	N/A
Total mollusc and crustacean	5,048	5,862	5,934	6,470	5,746	9,524	6,704	17,302	16.7	81.7
Other items	-	-	-	-	5	5	16	61	220.0	N/A
Total	9,262	7,395	8,969	7,652	9,459	11,572	10,559	20,853	11.6	80.2

FIGURE 85

Landings on North Shore for the 35' to 64'11" from 1984 to 1987 by species group

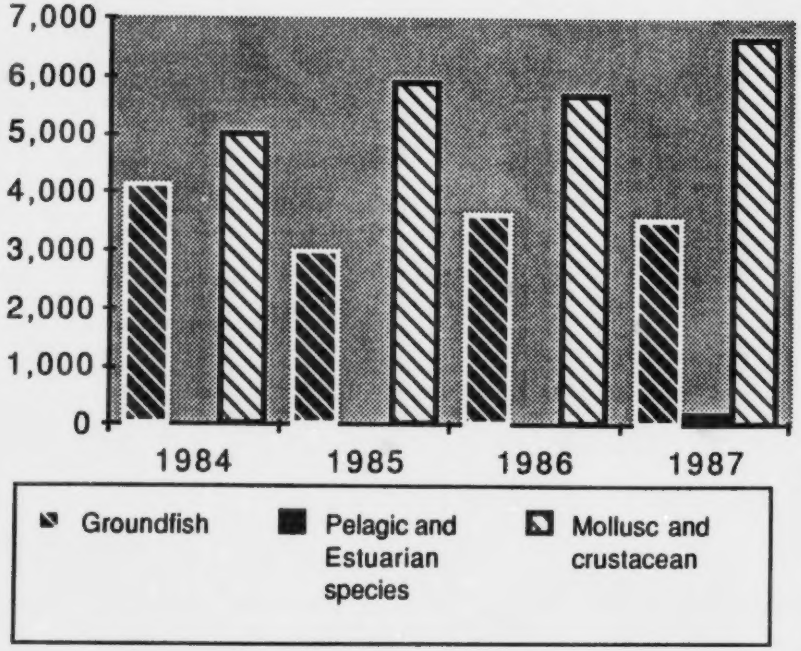


FIGURE 86

Landed value on North Shore for the 35' to 64'11" from 1984 to 1987 by species group

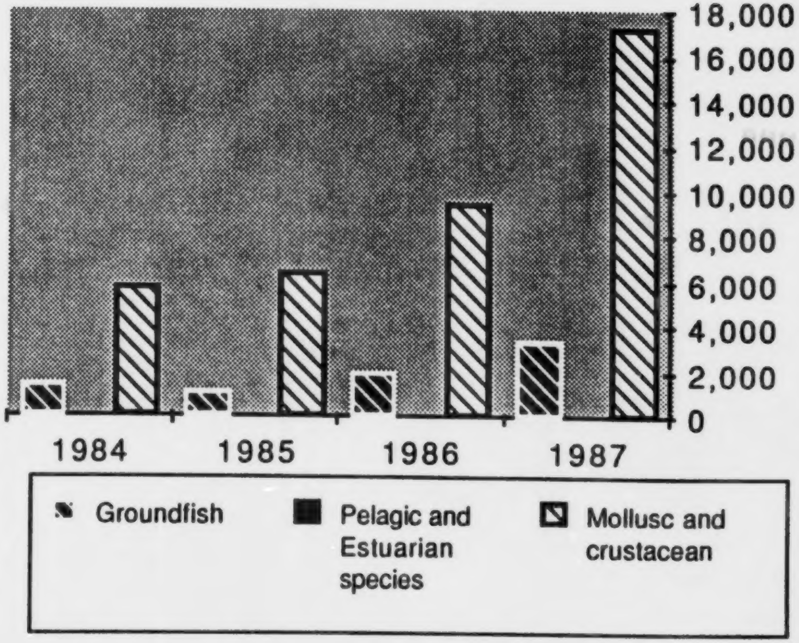


TABLE 25C

LANDINGS ON THE NORTH SHORE BY VESSELS 65' AND OVER- 1984 TO 1987

(Quantity in rounded metric tons, live weight)

(Value in thousands of dollars)

SPECIES	1984		1985		1986		1987		Var. in %	
	Quantity	Value	Quantity	Value	Quantity	Value	Quantity	Value	Quantity	Value
Cod	123	39	156	66	174	91	69	44	-60.3	-51.6
Haddock	-	-	-	-	•	•	•	•	N/A	N/A
Redfish	9	2	12	2	20	9	8	3	-60.0	-66.7
Atlantic Halibut	1	3	1	2	1	4	1	1	0.0	-75.0
American Plaice	4	1	28	16	22	15	10	7	-54.5	-53.3
Greysole	-	-	1	1	-	-	-	-	N/A	N/A
Winter Flounder	-	-	-	-	-	-	-	-	N/A	N/A
Unspecified Flounders	-	-	-	-	-	-	-	-	N/A	N/A
Greenland Halibut	25	10	39	16	45	30	41	40	-8.9	33.3
White Hake	-	-	-	-	•	•	•	•	N/A	N/A
Catfish	•	•	-	-	-	-	-	-	N/A	N/A
Other groundfish	•	•	-	-	•	•	•	•	N/A	N/A
Total groundfish	**162**	**55**	**237**	**103**	**262**	**149**	**129**	**95**	**-50.8**	**-36.2**
Herring	-	-	-	-	-	-	-	-	N/A	N/A
Mackerel	-	-	-	-	-	-	-	-	N/A	N/A
Tuna, Bluefin	-	-	-	-	-	-	-	-	N/A	N/A
Eels	-	-	-	-	-	-	-	-	N/A	N/A
Salmon	-	-	-	-	-	-	-	-	N/A	N/A
Smelts	-	-	-	-	-	-	-	-	N/A	N/A
Capelin	-	-	-	-	-	-	-	-	N/A	N/A
Other pelagic and estuarian species	-	-	-	-	-	-	-	-	N/A	N/A
Total pelagic and estuarian species	-	-	-	-	-	-	-	-	N/A	N/A
Soft Shell Clams	-	-	-	-	-	-	-	-	N/A	N/A
Quahaugs Clams	-	-	-	-	-	-	-	-	N/A	N/A
Mussels	-	-	-	-	-	-	-	-	N/A	N/A
Scallops	-	-	-	-	-	-	-	-	N/A	N/A
Winkles	-	-	-	-	-	-	-	-	N/A	N/A
Lobsters	-	-	-	-	-	-	-	-	N/A	N/A
Shrimp	222	284	291	377	342	568	333	749	-2.6	31.9
Snow Crabs	-	-	-	-	1	1	-	-	N/A	N/A
Other mollusc and crustacean	-	-	-	-	-	-	-	-	N/A	N/A
Total mollusc and crustacean	**222**	**284**	**291**	**377**	**343**	**569**	**333**	**749**	**-2.9**	**31.6**
Other items	-	-	-	-	-	-	-	-	N/A	N/A
Total	**384**	**339**	**528**	**480**	**605**	**718**	**462**	**844**	**-23.6**	**17.5**

FIGURE 87

Landings on North Shore for the 65' and over from 1984 to 1987 by species group

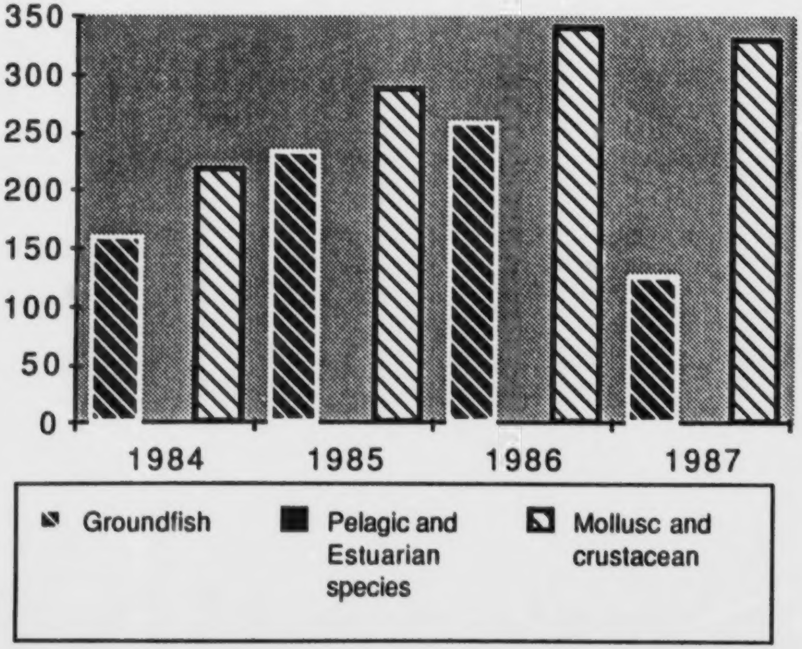


FIGURE 88

Landed value on North Shore for the 65' and over from 1984 to 1987 by species group

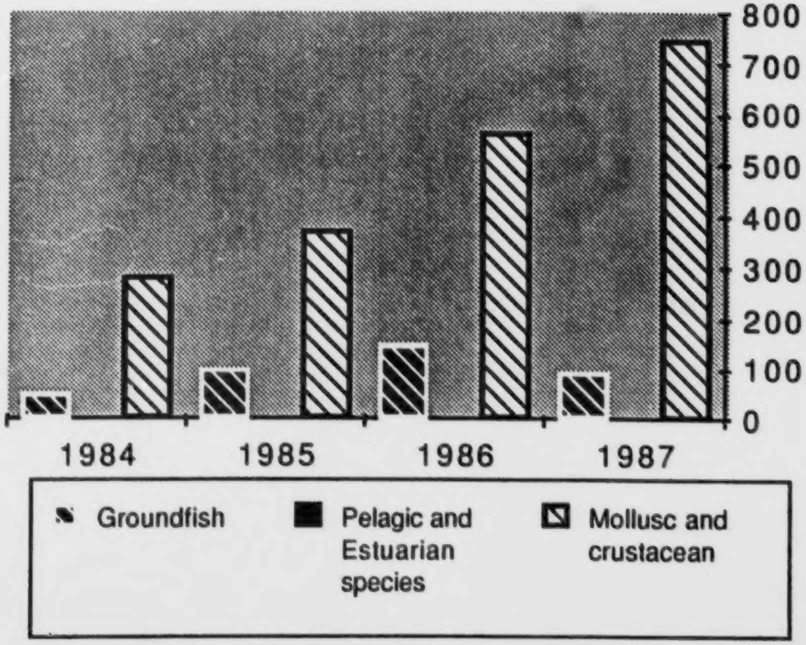


TABLE 25.1

MONTHLY LANDINGS ON THE NORTH SHORE BY SPECIES,

1987 SEASON,

(Quantity in rounded metric tons, live weight)

SPECIES	January	February	March	April	May	June
Cod	-	-	1	22	364	1,075
Haddock	-	-	-	-	•	•
Redfish	-	-	-	2	20	72
Atlantic Halibut	-	-	•	1	3	4
American Plaice	-	-	•	9	20	36
Greysole	-	-	-	-	-	-
Winter Flounder	-	-	-	-	-	•
Unspecified Flounders	-	-	-	-	-	-
Greenland Halibut	-	-	-	66	168	342
White Hake	-	-	-	-	1	11
Catfish	-	-	-	-	-	-
Other groundfish	-	-	-	•	1	5
Total groundfish	**-**	**-**	**1**	**100**	**577**	**1,545**
Herring	-	-	2	99	521	458
Mackerel	-	-	-	-	-	•
Tuna, Bluefin	-	-	-	-	-	-
Eels	-	-	-	-	-	-
Salmon	-	-	-	-	1	58
Smelts	-	-	-	-	-	-
Capelin	-	-	-	•	-	-
Other pelagic and estuarian species	-	-	-	-	•	1
Total pelagic and estuarian species	**-**	**-**	**2**	**99**	**522**	**517**
Soft Shell Clams	4	1	39	80	75	11
Quahaugs Clams	-	-	-	-	-	-
Mussels	-	-	•	•	-	-
Scallops	-	-	2	95	234	314
Winkles	-	-	-	9	184	227
Lobsters	-	-	-	-	3	109
Shrimp	-	-	38	314	226	267
Snow Crabs	-	-	-	398	868	635
Other mollusc and crustacean	-	-	-	•	2	•
Total mollusc and crustacean	**4**	**1**	**79**	**896**	**1,592**	**1,563**
Other items	-	-	-	-	32	77
Total	**4**	**1**	**82**	**1,095**	**2,723**	**3,702**

TABLE 25.1

MONTHLY LANDINGS ON THE NORTH SHORE BY SPECIES, 1987 SEASON,

(Quantity in rounded metric tons, live weight)

July	August	September	October	November	December	Total
1,125	655	561	488	150	-	4,441
-	-	•	-	-	-	•
54	41	58	13	7	-	267
3	2	2	•	•	-	15
16	29	96	62	14	-	282
10	1	-	-	-	-	11
3	5	3	4	-	-	15
-	-	-	-	-	-	-
356	526	211	52	1	-	1,722
9	5	•	•	-	-	26
1	3	2	•	-	-	6
11	3	2	2	•	-	24
1,588	**1,270**	**935**	**621**	**172**	-	**6,809**
57	199	65	46	-	-	1,447
2	42	51	6	-	-	101
-	-	-	-	-	-	-
-	-	-	1	-	-	1
35	2	-	-	-	-	96
-	-	-	-	-	-	-
-	-	-	-	-	-	•
1	•	•	1	•	-	3
95	**243**	**116**	**54**	-	-	**1,648**
36	5	4	16	8	1	280
-	-	-	-	-	-	-
-	-	-	-	-	-	•
317	258	281	196	18	-	1,715
262	293	183	65	1	-	1,224
35	4	2	2	-	-	155
133	83	331	269	-	1	1,662
1,032	1,087	595	233	-	-	4,848
•	-	-	-	-	-	2
1,815	**1,730**	**1,396**	**781**	**27**	**2**	**9,886**
6	-	-	-	-	-	115
3,504	**3,243**	**2,447**	**1,456**	**199**	**2**	**18,458**

TABLE 25.1A

MONTHLY LANDINGS ON THE NORTH SHORE BY SPECIES,

1987 SEASON,

(Value in thousands of dollars)

SPECIES	January	February	March	April	May	June
Cod	-	-	•	12	289	765
Haddock	-	-	-	-	•	•
Redfish	-	-	-	1	9	44
Atlantic Halibut	-	-	1	4	10	16
American Plaice	-	-	•	6	15	29
Greysole	-	-	-	-	-	-
Winter Flounder	-	-	-	-	-	•
Unspecified Flounders	-	-	-	-	-	-
Greenland Halibut	-	-	-	79	217	445
White Hake	-	-	-	-	•	4
Catfish	-	-	-	-	-	-
Other groundfish	-	-	-	1	•	4
Total groundfish	**-**	**-**	**1**	**103**	**540**	**1,307**
Herring	-	-	•	31	121	93
Mackerel	-	-	-	-	-	•
Tuna, Bluefin	-	-	-	-	-	-
Eels	-	-	-	-	-	-
Salmon	-	-	-	-	10	428
Smelts	-	-	-	-	-	-
Capelin	-	-	-	•	-	-
Other pelagic and estuarian species	-	-	-	-	•	3
Total pelagic and estuarian species	**-**	**-**	**•**	**31**	**131**	**524**
Soft Shell Clams	3	1	26	55	53	7
Quahaugs Clams	-	-	-	-	-	-
Mussels	-	-	•	•	-	-
Scallops	-	-	3	150	370	480
Winkles	-	-	-	3	72	93
Lobsters	-	-	-	-	24	795
Shrimp	-	-	94	762	569	681
Snow Crabs	-	-	-	1,149	2,723	2,082
Other mollusc and crustacean	-	-	-	•	3	1
Total mollusc and crustacean	**3**	**1**	**123**	**2,119**	**3,814**	**4,139**
Other items	-	-	-	-	122	300
Total	**3**	**1**	**124**	**2,253**	**4,607**	**6,270**

TABLE 25.1A

MONTHLY LANDINGS ON THE NORTH SHORE BY SPECIES,

1987 SEASON,

(Value in thousands of dollars)

July	August	September	October	November	December	Total
914	545	459	396	111	-	3,491
-	-	•	-	-	-	•
30	18	21	5	3	-	131
11	8	8	1	•	-	59
13	24	66	48	12	-	213
10	1	-	-	-	-	11
2	3	2	2	-	-	9
-	-	-	-	-	-	-
510	755	256	60	1	-	2,323
3	2	•	•	-	-	9
•	1	•	•	-	-	1
5	3	1	1	•	-	15
1,498	**1,360**	**813**	**513**	**127**	**-**	**6,262**
13	45	18	14	-	-	335
1	9	11	2	-	-	23
-	-	-	-	-	-	-
-	-	-	2	-	-	2
191	10	-	-	-	-	639
-	-	-	-	-	-	•
-	-	-	-	-	-	•
2	•	1	1	1	-	8
207	**64**	**30**	**19**	**1**	**-**	**1,007**
25	3	3	11	6	1	194
-	-	-	-	-	-	-
-	-	-	-	-	-	•
464	397	441	302	29	-	2,636
95	113	71	25	•	-	472
241	28	18	15	-	-	1,121
323	198	651	567	-	2	3,847
3,040	3,073	1,881	836	-	-	14,784
1	-	-	-	-	-	5
4,189	**3,812**	**3,065**	**1,756**	**35**	**3**	**23,059**
22	-	-	-	-	-	444
5,916	**5,236**	**3,908**	**2,288**	**163**	**3**	**30,772**

FIGURE 89

Monthly evolution of landings
on North Shore,
by species group in 1987

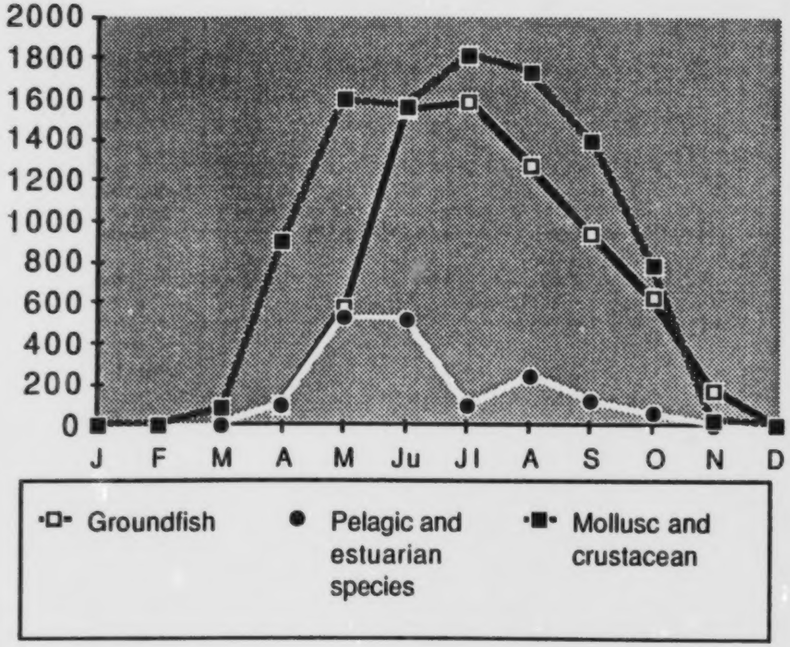


FIGURE 90

Monthly evolution of landed value
on North Shore,
by species group in 1987

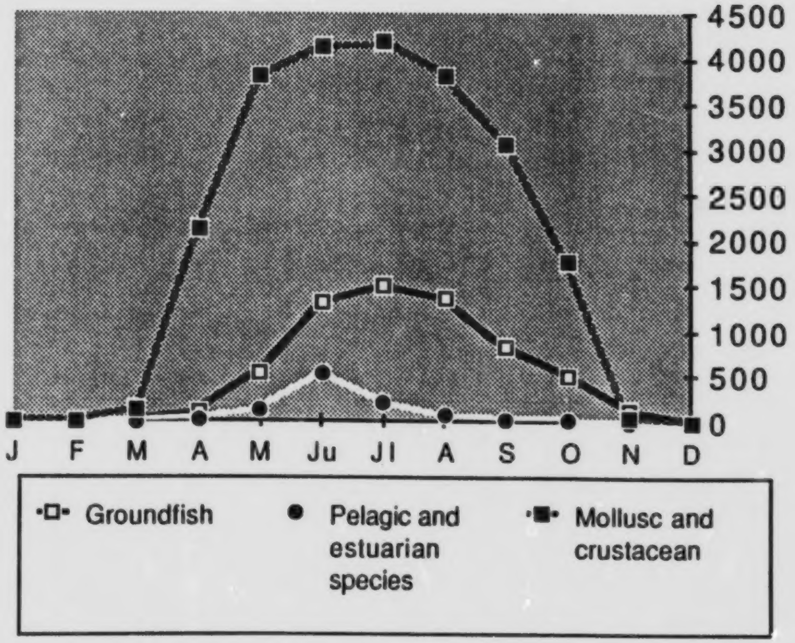


TABLE 26

LANDINGS, UPPER NORTH SHORE, 1984 TO 1987

TADOUSSAC TO GALLIX

(Quantity in rounded metric tons, live weight and value in thousands of dollars)

SPECIES	1984		1985		1986		1987		Var. in %	
	Quantity	Value	Quantity	Value	Quantity	Value	Quantity	Value	Quantity	Value
Cod	610	257	379	191	493	262	291	235	-41.0	-10.3
Haddock	-	-	-	-	-	-	-	-	N/A	N/A
Redfish	1	•	2	1	5	2	27	12	440.0	N/A
Atlantic Halibut	4	17	5	18	7	21	5	20	-28.6	-4.8
American Plaice	5	2	7	3	22	12	8	6	-63.6	-50.0
Greysole	-	-	-	-	-	-	-	-	N/A	N/A
Winter Flounder	•	•	-	-	-	-	-	-	N/A	N/A
Unspecified Flounders	-	•	•	•	-	-	-	-	N/A	N/A
Greenland Halibut	58	35	83	55	287	239	562	798	95.8	233.9
White Hake	3	1	-	-	3	1	4	1	33.3	0.0
Catfish	-	-	-	-	-	-	-	-	N/A	N/A
Other groundfish	•	•	1	•	•	•	3	4	N/A	N/A
Total groundfish	681	312	476	268	816	537	900	1,076	10.3	100.4
Herring	199	63	187	57	222	72	238	74	7.2	2.8
Mackerel	6	2	5	1	6	2	-	-	N/A	N/A
Tuna, Bluefin	-	-	-	-	-	-	-	-	N/A	N/A
Eels	-	-	-	-	-	-	•	2	N/A	N/A
Salmon	11	87	19	149	15	147	14	135	-6.7	-8.2
Smelts	-	-	-	-	-	-	-	-	N/A	N/A
Capelin	-	-	7	3	•	•	-	-	N/A	N/A
Other pelagic and estuarian species	-	-	•	•	•	•	1	2	N/A	N/A
Total pelagic and estuarian species	215	152	218	212	243	221	253	213	4.1	-3.6
Soft Shell Clams	265	192	691	403	757	496	280	194	-63.0	-60.9
Quahaugs Clams	•	•	-	-	-	-	-	-	N/A	N/A
Mussels	-	-	•	1	•	•	•	•	N/A	N/A
Scallops	103	170	132	176	93	127	88	132	-5.4	3.9
Winkles	54	13	85	23	163	55	197	80	20.9	45.5
Lobsters	1	8	1	8	2	9	•	1	N/A	-88.9
Shrimp	15	33	8	13	26	50	9	23	-65.4	-54.0
Snow Crabs	1,030	1,423	810	964	541	929	739	2,126	36.6	128.8
Other mollusc and crustacean	278	147	278	145	3	2	3	6	0.0	200.0
Total mollusc and crustacean	1,746	1,985	2,006	1,734	1,585	1,668	1,316	2,562	-17.0	53.6
Other items	-	-	-	-	-	-	-	-	N/A	N/A
Total	2,643	2,449	2,700	2,213	2,644	2,426	2,469	3,851	-6.6	58.7

TABLE 27

LANDINGS, MIDDLE NORTH SHORE, 1984 TO 1987

SEPT-ILES TO POINTE-PARENT, INCLUDING ANTICOSTI ISLAND

(Quantity in rounded metric tons, live weight and value in thousands of dollars)

SPECIES	1984		1985		1986		1987		Var. in %	
	Quantity	Value	Quantity	Value	Quantity	Value	Quantity	Value	Quantity	Value
Cod	2,939	1,114	2,748	1,076	2,278	1,190	1,835	1,415	-19.4	18.9
Haddock	-	-	-	-	2	1	1	•	-50.0	N/A
Redfish	50	12	44	10	108	43	233	115	115.7	167.4
Atlantic Halibut	8	27	23	79	30	92	9	36	-70.0	-60.9
American Plaice	33	16	141	75	200	129	262	199	31.0	54.3
Greysole	•	•	2	1	•	•	10	11	N/A	N/A
Winter Flounder	-	-	-	-	-	-	5	2	N/A	N/A
Unspecified Flounders	1	•	2	1	-	-	-	-	N/A	N/A
Greenland Halibut	97	47	180	97	616	471	1,159	1,526	88.1	224.0
White Hake	-	-	-	-	4	1	21	7	425.0	N/A
Catfish	•	•	-	-	-	-	-	-	N/A	N/A
Other groundfish	•	•	-	-	4	2	7	6	75.0	200.0
Total groundfish	3,129	1,216	3,139	1,338	3,242	1,930	3,542	3,317	9.3	71.9
Herring	109	26	80	27	81	21	355	96	338.3	357.1
Mackerel	6	2	6	2	9	3	4	1	-55.6	-66.7
Tuna, Bluefin	-	-	-	-	-	-	-	-	N/A	N/A
Eels	-	-	-	-	-	-	-	-	N/A	N/A
Salmon	33	215	25	269	30	224	34	285	13.3	27.2
Smelts	•	•	-	-	•	•	-	-	N/A	N/A
Capelin	-	-	-	-	-	-	•	•	N/A	N/A
Other pelagic and estuarian species	•	•	•	•	•	•	•	•	N/A	N/A
Total pelagic and estuarian species	148	243	120	298	120	247	393	382	227.5	54.7
Soft Shell Clams	-	-	•	•	-	-	-	-	N/A	N/A
Quahaugs Clams	-	-	-	-	-	-	-	-	N/A	N/A
Mussels	-	-	-	-	-	-	-	-	N/A	N/A
Scallops	233	334	383	521	488	682	1,459	2,305	199.0	238.0
Winkles	135	30	45	14	466	129	1,023	391	119.5	203.1
Lobsters	26	155	48	289	73	460	113	847	54.8	84.1
Shrimp	927	1,357	883	1,294	1,049	1,756	1,649	3,816	57.2	117.3
Snow Crabs	2,133	2,474	2,087	2,327	2,097	3,866	1,764	6,017	-15.9	55.6
Other mollusc and crustacean	-	-	-	-	•	•	-	-	N/A	N/A
Total mollusc and crustacean	3,455	4,351	3,446	4,444	4,173	6,894	6,008	13,376	44.0	94.0
Other items	-	-	-	-	1	•	-	-	N/A	N/A
Total	6,731	5,810	6,706	6,080	7,535	9,071	9,943	17,075	32.0	88.2

TABLE 28

LANDINGS, LOWER NORTH SHORE, 1984 TO 1987

KEGASKA TO BLANC SABLON

(Quantity in rounded metric tons, live weight and value in thousands of dollars)

SPECIES	1984 Quantity	1984 Value	1985 Quantity	1985 Value	1986 Quantity	1986 Value	1987 Quantity	1987 Value	Var. in % Quantity	Var. in % Value
Cod	7,004	2,544	5,682	2,039	3,280	1,459	2,313	1,841	-29.5	26.2
Haddock	-	-	-	-	•	•	-	-	N/A	N/A
Redfish	•	1	-	-	9	3	5	2	-44.4	-33.3
Atlantic Halibut	-	-	1	3	2	6	1	4	-50.0	-33.3
American Plaice	-	-	•	•	1	•	13	8	N/A	N/A
Greysole	-	-	-	-	•	•	1	•	N/A	N/A
Winter Flounder	-	-	-	-	5	1	11	7	120.0	N/A
Unspecified Flounders	-	-	-	-	-	-	-	-	N/A	N/A
Greenland Halibut	-	-	1	•	•	•	1	1	N/A	N/A
White Hake	-	-	-	-	3	•	1	•	-66.7	N/A
Catfish	-	-	-	-	8	1	6	1	-25.0	0.0
Other groundfish	-	-	-	-	6	3	15	6	150.0	100.0
Total groundfish	**7,005**	**2,545**	**5,684**	**2,042**	**3,314**	**1,475**	**2,367**	**1,870**	**-28.6**	**26.8**
Herring	736	158	335	75	415	92	854	165	105.8	79.3
Mackerel	59	20	59	20	166	47	97	22	-41.6	-53.2
Tuna, Bluefin	-	-	-	-	-	-	-	-	N/A	N/A
Eels	-	-	-	-	-	-	-	-	N/A	N/A
Salmon	20	100	19	138	40	191	48	219	20.0	14.7
Smelts	-	-	-	-	-	-	-	-	N/A	N/A
Capelin	-	-	-	-	-	-	-	-	N/A	N/A
Other pelagic and estuarian species	-	-	•	•	2	6	3	5	50.0	-16.7
Total pelagic and estuarian species	**815**	**277**	**412**	**232**	**623**	**337**	**1,002**	**411**	**60.8**	**22.0**
Soft Shell Clams	-	-	-	-	-	-	-	-	N/A	N/A
Quahaugs Clams	-	-	-	-	-	-	-	-	N/A	N/A
Mussels	-	-	-	-	-	-	-	-	N/A	N/A
Scallops	38	52	114	139	244	248	167	199	-31.6	-19.8
Winkles	-	-	-	-	1	•	4	1	300.0	N/A
Lobsters	25	154	44	257	56	322	42	272	-25.0	-15.5
Shrimp	-	-	-	-	-	-	4	8	N/A	N/A
Snow Crabs	1,466	1,168	2,539	2,235	2,392	3,752	2,345	6,641	-2.0	77.0
Other mollusc and crustacean	-	-	-	-	-	-	-	-	N/A	N/A
Total mollusc and crustacean	**1,530**	**1,373**	**2,698**	**2,631**	**2,692**	**4,322**	**2,562**	**7,121**	**-4.8**	**64.8**
Other items	-	-	-	-	34	41	115	444	238.2	N/A
Total	**9,349**	**4,195**	**8,794**	**4,906**	**6,663**	**6,176**	**6,046**	**9,846**	**-9.3**	**59.4**

QUEBEC MARINE FISHERIES
LANDING AVERAGE PRICE BY SPECY
(EXCLUDING SUPPLEMENTARY SLIPS)

QUEBEC REGION
TABLE 29
NORTH-SHORE

($ / KILOGRAM)

SPECIES	LANDED FORM DESCRIPTION	1986 (FINAL)	1987 (FINAL)	VARIATION IN %
GROUNDFISH				
COD	1	.475	.530	11.5
	2	.565	.939	66.1
	3	.525	-	N/A
	4	.811	1.031	27.1
	5	1.228	2.125	73.0
	6	-	3.940	N/A
HADDOCK	1	.441	.533	20.8
	2	.619	.400	-35.3
REDFISH	1	.399	.416	4.2
	2	.331	.684	106.6
HALIBUT	1	3.076	3.436	11.7
	2	4.610	3.992	-13.4
	3	3.315	-	N/A
PLAICE	1	.633	.754	19.1
	2	.742	.571	-23.0
GREYSOLE (WITCH)	1	.750	.989	31.8
	2	.220	-	N/A
WINTER FLOUNDER	1	.325	.593	82.4
	2	.213	.745	249.7
GREENLAND HALIBUT(TURBOT)	1	.790	1.361	72.2
	2	.886	1.183	33.5
	3	3.311	-	N/A
WHITE HAKE	1	.299	.344	15.0
	2	.166	.428	157.8
	4	.378	-	N/A
CATFISH	1	.175	.193	10.2
	2	.218	.133	-38.9
PELAGIC AND ESTUARIAL FISH				

QUEBEC MARINE FISHERIES
LANDING AVERAGE PRICE BY SPECY
(EXCLUDING SUPPLEMENTARY SLIPS)

QUEBEC REGION
TABLE 29
NORTH-SHORE

($ / KILOGRAM)

SPECIES	LANDED FORM DESCRIPTION	1986 (FINAL)	1987 (FINAL)	VARIATION IN %
HERRING	1	.225	.222	-1.3
	7	-	9.333	N/A
MACKEREL	1	.182	.182	N/A
EELS	1	-	4.953	N/A
SALMON	1	5.454	6.298	15.4
	2	6.197	5.170	-16.5
	7	5.500	-	N/A
SMELTS	1	2.900	-	N/A
CAPELIN	1	-	.209	N/A
	7	9.500	-	N/A
MOLLUSCS AND CRUSTACEANS				
SOFT SHELL CLAMS	1	.664	.693	4.3
MUSSEL	1	.685	.882	28.7
SCALLOP	1	.900	1.113	23.6
	7	11.208	12.771	13.9
WHELK (WINKLE)	1	.287	.387	34.8
LOBSTER	1	6.109	7.186	17.6
SHRIMP	1	1.705	2.344	37.4
	6	1.791	2.410	34.5
SNOW CRABS (QUEEN)	1	1.691	2.942	73.9

Ranking of fishing ports

NORTH SHORE

From year to year, Sept Iles and Havre Saint Pierre generally held first and/or second place among the top ten points of landing on the North Shore. Harrington Harbour ranked first for volume in 1984 but dropped down in 1985.

The average volume landed at Sept Iles was 3,116 t and the average value was $3.4 million.

Havre Saint Pierre in turn recorded an average volume of 1,629 t and an average value of $3.1 million.

Mingan was another port that exhibited an interesting trend, ranking third for value in three of the four years. The average value of landings at Mingan was $1.3 million. Examination of the volumes landed shows greater fluctuation in rank. Between 1984 and 1987, Mingan went from seventh to eighth to third place and finished in fourth.

These findings are indicative of the small differences between the various North Shore ports, when it comes time to make up the list, in terms of both volume and value.

TABLE 30

- NORTH SHORE -

TOP 10 POINTS OF LANDING, 1984 TO 1987

1984	Volume in m. t. live weight	% of total for North-Shore	1985	Volume in m. t. live weight	% of total for North-Shore
1- Harrington Harbour	1,604	8.57	1- Sept-Iles	2,165	11.90
2- Sept-Iles	1,601	8.55	2- Havre Saint-Pierre	1,412	7.76
3- Natashquan	1,578	8.43	3- Rivière Saint-Paul	1,361	7.48
4- Rivière Saint-Paul	1,316	7.03	4- Natashquan	1,232	6.77
5- Old Fort	1,247	6.66	5- Old Fort	1,166	6.41
6- Blanc Sablon	1,091	5.83	6- Portneuf	1,119	6.15
7- Mingan	1,035	5.53	7- Harrington Harbour	1,113	6.12
8- Havre Saint-Pierre	982	5.24	8- Mingan	941	5.17
9- Rivière-au-Tonnerre	982	5.24	9- Blanc Sablon	901	4.95
10 - La Tabatière	671	3.58	10 - La Tabatière	767	4.21

1984	Value in thousands of dollars	% relative de l'ensemble for North-Shore	1985	Value in thousands of dollars	% relative de l'ensemble for North-Shore
1- Sept-Iles	1,532	12.30	1- Havre Saint-Pierre	1,799	13.63
2- Havre Saint-Pierre	1,298	10.42	2- Sept-Iles	1,772	13.43
3- Mingan	1,076	8.64	3- Mingan	1,090	8.26
4- Rivière-au-Tonnerre	828	6.65	4- Rivière Saint-Paul	936	7.09
5- Harrington Harbour	633	5.08	5- Old Fort	743	5.63
6- Rivière Saint-Paul	620	4.98	6- Portneuf	709	5.37
7- Natashquan	595	4.78	7- Rivière-au-Tonnerre	621	4.70
8- Baie Comeau	590	4.74	8- Harrington Harbour	542	4.11
9- Old Fort	556	4.46	9- La Tabatière	528	4.00
10 - Portneuf	453	3.64	10 - Natashquan	439	3.33

TABLE 30

- NORTH SHORE -

TOP 10 POINTS OF LANDING, 1984 TO 1987

1986	Volume in m. t. live weight	% of total for North-Shore	1987	Volume in m. t. live weight	% of total for North-Shore
1- Sept-Iles	3,341	19.84	1- Sept-Iles	5,358	29.03
2- Havre Saint-Pierre	1,887	11.20	2- Havre Saint-Pierre	2,236	12.11
3- Mingan	948	5.63	3- Harrington Harbour	1,072	5.81
4- Rivière Saint-Paul	925	5.49	4- Mingan	944	5.11
5- Harrington Harbour	904	5.37	5- Rivière Saint-Paul	765	4.14
6- Portneuf	891	5.29	6- La Tabatière	728	3.94
7- Old Fort	850	5.05	7- Rivière-au-Tonnerre	724	3.92
8- Blanc Sablon	625	3.71	8- Old Fort	719	3.90
9- La Tabatière	615	3.65	9- Portneuf	570	3.09
10 - Port Cartier	608	3.61	10 - Baie-Comeau	536	2.90

1986	Value in thousands of dollars	% of total for North-Shore	1987	Value in thousands of dollars	% relative de l'ensemble for North-Shore
1- Havre Saint-Pierre	3,353	18.97	1- Sept-Iles	7,324	23.80
2- Sept-Iles	2,986	16.90	2- Havre Saint-Pierre	5,855	19.03
3- Mingan	1,194	6.76	3- Rivière Saint-Paul	1,796	5.84
4- Rivière Saint-Paul	1,108	6.27	4- La Tabatière	1,758	5.71
5- Rivière-au-Tonnerre	945	5.35	5- Mingan	1,641	5.33
6- Old Fort	893	5.05	6- Old Fort	1,575	5.12
7- La Tabatière	813	4.60	7- Rivière-au-Tonnerre	1,304	4.24
8- Portneuf	668	3.78	8- Baie-Comeau	1,082	3.52
9- Harrington Harbour	579	3.28	9- Portneuf	910	2.96
10 - Middle Bay	575	3.25	10 - Escoumins	812	2.64

Landings in 1987
MAGDALEN ISLANDS

The Magdalen Islands ended 1987 with a very positive record for landings.

This sector contributed 25% of overall groundfish landings in Quebec, or 23,922 t worth $24.8 million.

Overall, within the Magdalen Islands, volume of landings was up by 25% with respect to 1986 and value by 39%.

The groundfish species group accounted for 78% of all landings in the Islands. Landings of redfish, the highest volume species, rose by 42% in terms of quantity and nearly 44% in terms of value. This increase is attributable in large part to sustained effort and the use of midwater trawls by the fleet of vessels over 100'.

Cod landings increased by 39% in volume and 109% in value. Very high landed prices caused additional effort to be directed toward American plaice. This extra effort was closely linked to the rise of 35% in volume and 114% in value.

Mackerel was down slightly in the sector since more effort was directed toward groundfish and this species received lower priority.

The lobster fishery yielded a 19% volume increase to attain a record harvest of 1.89 t worth over $13 million.

In 1987, the snow crab fishery recorded its worst performance in view of the effort devoted to it. Volume dropped by 46%. In contrast, the prices offered for landed product had a compensatory effect and the value of landings rose by 5% over the 1986 level.

In the case of scallops, a major decline was noted for the second year in a row. The 1987 harvest of 158 t worth $266,000 left volume down 32% and value down 25%.

TABLE 31

LANDINGS IN THE MAGDALEN ISLANDS

(Quantity in rounded metric tons, live weight)

(Value in thousands of dollars)

SPECIES	1984 Quantity	1984 Value	1985 Quantity	1985 Value	1986 Quantity	1986 Value	1987 Quantity	1987 Value	Var. in % Quantity	Var. in % Value
Cod	1,190	384	1,308	489	2,581	1,332	3,599	2,787	39.4	109.2
Haddock	1	1	1	*	39	30	21	22	-46.2	-26.7
Redfish	12,655	2,820	8,655	1,900	9,150	2,137	13,013	3,082	42.2	44.2
Atlantic Halibut	10	33	23	96	20	58	32	121	60.0	108.6
American Plaice	622	211	830	294	1,042	615	1,411	1,316	35.4	114.0
Greysole	-	-	*	*	3	2	28	30	N/A	N/A
Winter Flounder	-	-	-	-	118	66	121	71	2.5	7.6
Unspecified Flounders	-	-	-	-	-	-	-	-	N/A	N/A
Greenland Halibut	-	-	-	-	-	-	-	-	N/A	N/A
White Hake	67	11	60	9	94	15	301	160	220.2	N/A
Catfish	-	-	-	-	2	*	*	*	N/A	N/A
Other groundfish	-	-	-	-	33	9	213	86	N/A	N/A
Total groundfish	**14,545**	**3,460**	**10,877**	**2,788**	**13,083**	**4,263**	**18,739**	**7,675**	**43.2**	**80.0**
Herring	135	30	151	47	328	108	107	32	-67.4	-70.4
Mackerel	1,731	548	1,665	510	2,367	673	2,124	569	-10.3	-15.5
Tuna, Bluefin	-	-	-	-	-	-	-	-	N/A	N/A
Eels	1	3	1	2	1	1	5	10	400.0	N/A
Salmon	-	-	-	-	-	-	-	-	N/A	N/A
Smelts	4	15	6	14	2	2	4	7	100.0	250.0
Capelin	-	-	-	-	-	-	-	-	N/A	N/A
Other pelagic and estuarian species	-	-	-	-	-	-	11	2	N/A	N/A
Total pelagic and estuarian species	**1,871**	**596**	**1,823**	**573**	**2,698**	**784**	**2,251**	**620**	**-16.6**	**-20.9**
Soft Shell Clams	28	31	9	16	22	29	21	23	-4.5	-20.7
Quahaugs Clams	27	28	15	15	64	45	40	45	-37.5	0.0
Mussels	1	2	2	2	14	26	21	23	50.0	-11.5
Scallops	562	800	547	809	232	356	158	266	-31.9	-25.3
Winkles	1	1	-	-	11	2	1	*	-90.9	N/A
Lobsters	1,193	5,857	1,458	7,718	1,581	9,365	1,885	13,080	19.2	39.7
Shrimp	-	-	-	-	-	-	-	-	N/A	N/A
Snow Crabs	2,303	3,045	2,833	3,428	1,496	2,966	805	3,108	-46.2	4.8
Other mollusc and crustacean	-	-	-	-	-	-	1	*	N/A	N/A
Total mollusc and crustacean	**4,115**	**9,764**	**4,864**	**11,988**	**3,420**	**12,789**	**2,932**	**16,545**	**-14.3**	**29.4**
Other items	-	-	-	-	-	-	-	-	N/A	N/A
Total	**20,531**	**13,820**	**17,564**	**15,349**	**19,201**	**17,836**	**23,922**	**24,840**	**24.6**	**39.3**

FIGURE 91

Landings in Magdalen Islands from 1984 to 1987, by species group

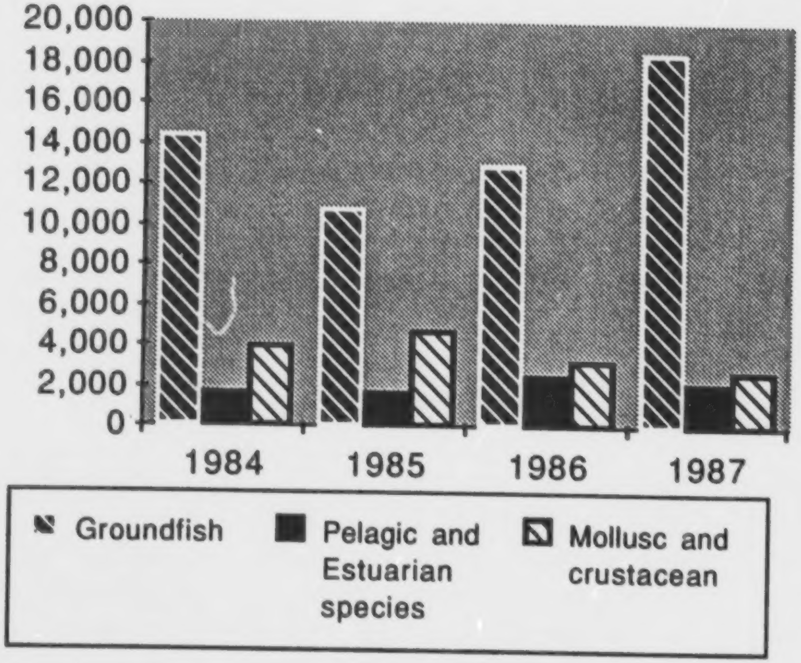


FIGURE 92

Landed value in Magdalen Islands from 1984 to 1987, by species group

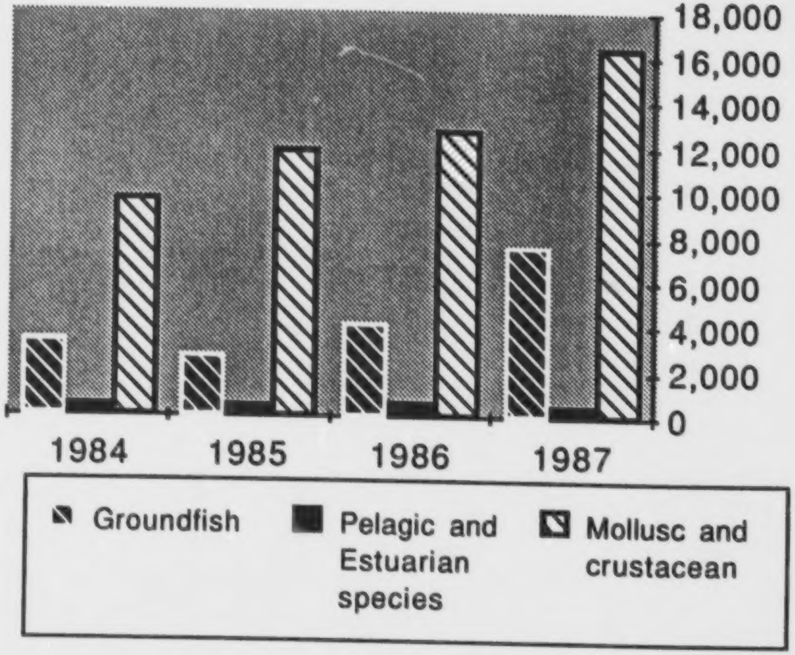


FIGURE 93

Landings in Magdalen Islands for particular species from 1984 to 1987

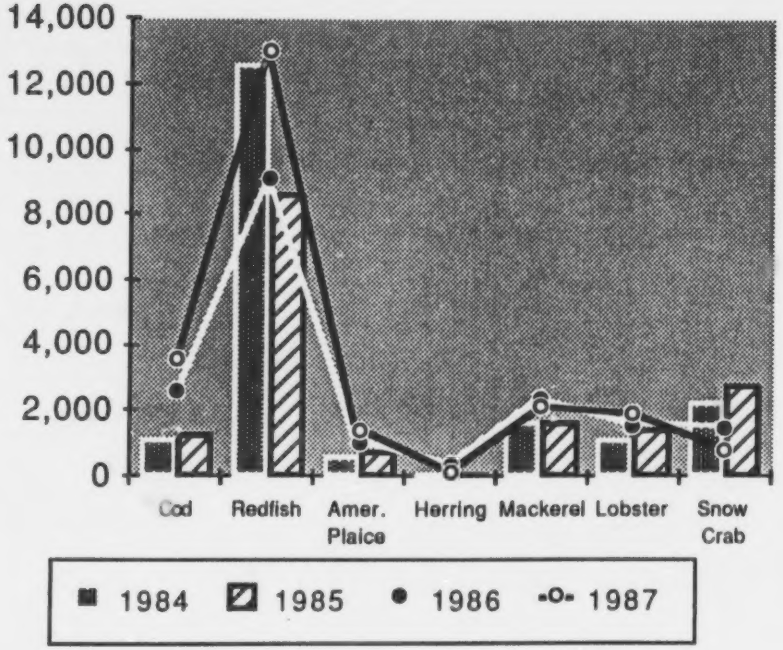


FIGURE 94

Value of particular species landed in Magdalen Islands from 1984 to 1987

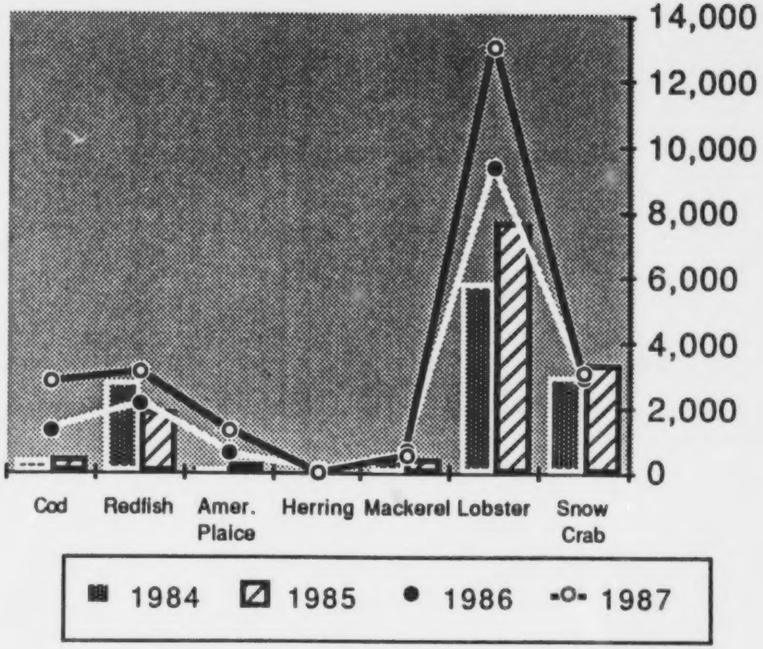


FIGURE 95

Landings in Magdalen Islands, by boat length in 1987

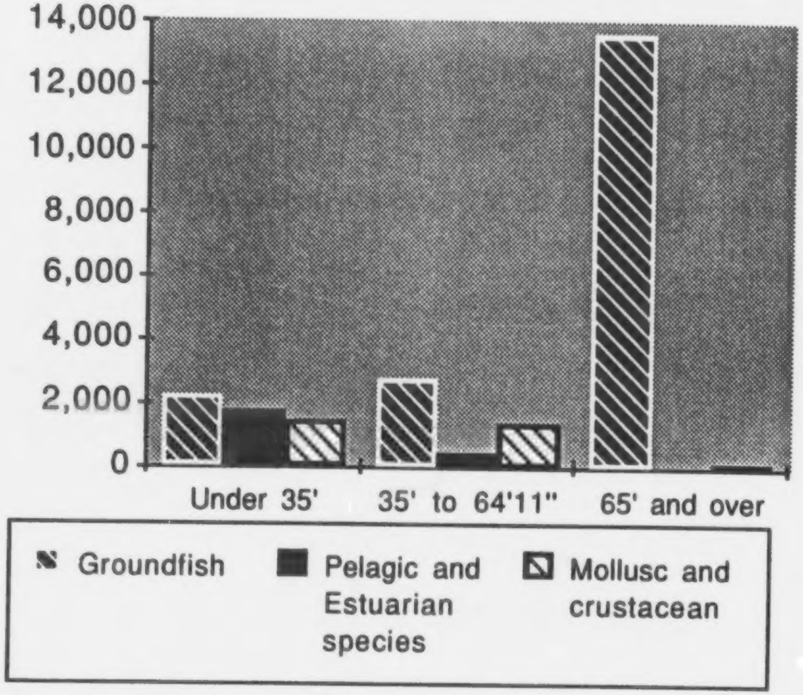


FIGURE 96

Landed value in Magdalen Islands, by boat length in 1987

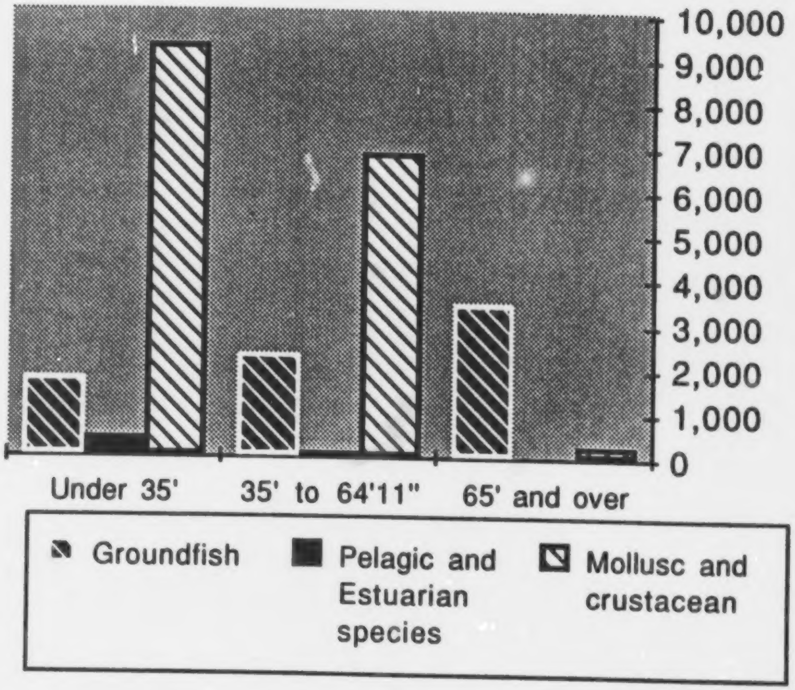


FIGURE 97

Distribution of landings in Magdalen Islands, by boat length in 1987

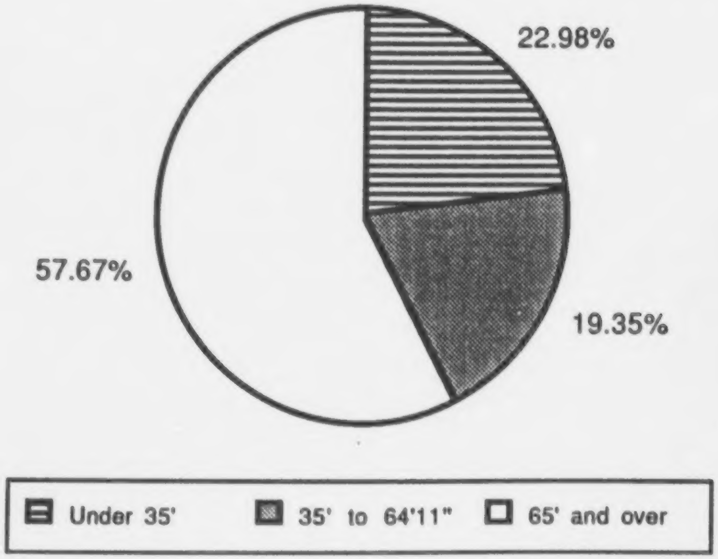
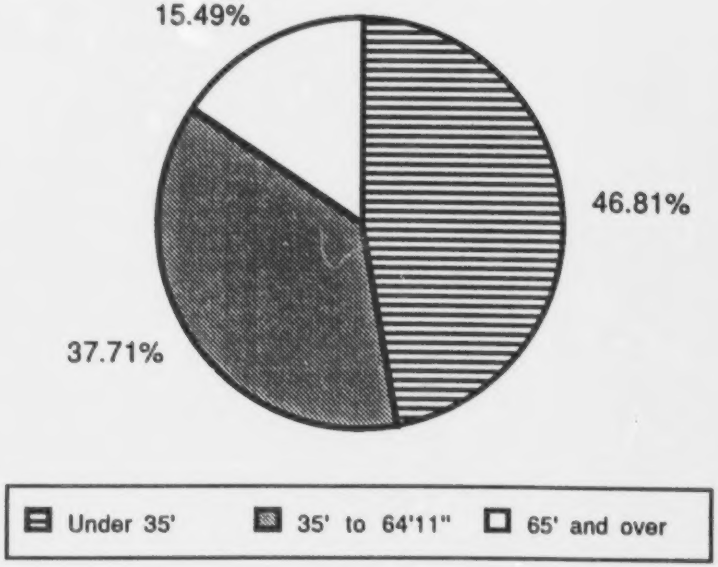


FIGURE 98

Distribution of landed value in Magdalen Islands, by boat length in 1987



Landings by vessel length category

MAGDALEN ISLANDS

The most striking feature of landings in the Magdalen Islands is the predominant volume contribution of vessels over 65'. This fleet accounted for 52 to 63% of the total volume for the sector between 1984 and 1987. The situation is different where value is concerned: these vessels made up between 15 and 23% of the recorded total for the Islands.

The fleet of vessels under 35' generated 20 to 28% of total landed volume in the Islands from 1984 to 1987 and 38 to 47% of the value of landings. The number of vessels in the under 35' category was 304 in 1986 and 319 in 1987.

The final group to consider is vessels 35' to 64'11". These boats produced 17 to 24% of the total volume of landings in the Islands and 38 to 40% of the total value. Vessels in the category numbered 134 in 1986 and 140 in 1987.

TABLE 31A

LANDINGS IN THE MAGDALEN ISLANDS BY VESSELS UNDER 35' - 1984 TO 1987

(Quantity in rounded metric tons, live weight)

(Value in thousands of dollars)

SPECIES	1984		1985		1986		1987		Var. in %	
	Quantity	Value	Quantity	Value	Quantity	Value	Quantity	Value	Quantity	Value
Cod	879	283	809	307	1,174	651	1,568	1,295	33.6	98.9
Haddock	-	-	•	•	7	5	4	5	-42.9	0.0
Redfish	-	-	-	-	-	-	-	-	N/A	N/A
Atlantic Halibut	8	28	17	78	8	30	25	102	212.5	240.0
American Plaice	573	192	662	228	550	273	438	268	-20.4	-1.8
Greysole	-	-	•	•	-	-	2	2	N/A	N/A
Winter Flounder	-	-	-	-	•	•	3	2	N/A	N/A
Unspecified Flounders	-	-	-	-	-	-	-	-	N/A	N/A
Greenland Halibut	-	-	-	-	-	-	-	-	N/A	N/A
White Hake	55	9	49	7	79	12	216	116	173.4	N/A
Catfish	-	-	-	-	-	-	1	•	N/A	N/A
Other groundfish	-	-	-	-	-	-	7	4	N/A	N/A
Total groundfish	**1,515**	**512**	**1,537**	**620**	**1,818**	**971**	**2,264**	**1,794**	**24.5**	**84.8**
Herring	130	29	151	47	324	107	98	30	-69.8	-72.0
Mackerel	1,424	449	1,196	366	1,836	522	1,656	447	-9.8	-14.4
Tuna, Bluefin	-	-	-	-	-	-	-	-	N/A	N/A
Eels	1	3	1	2	1	1	4	9	300.0	N/A
Salmon	-	-	-	-	-	-	-	-	N/A	N/A
Smelts	4	15	6	13	2	2	4	7	100.0	250.0
Capelin	-	-	-	-	-	-	-	-	N/A	N/A
Other pelagic and estuarian species	-	-	-	-	-	-	9	2	N/A	N/A
Total pelagic and estuarian species	**1,559**	**496**	**1,354**	**428**	**2,163**	**632**	**1,771**	**495**	**-18.1**	**-21.7**
Soft Shell Clams	28	31	9	16	22	29	21	23	-4.5	-20.7
Quahaugs Clams	27	28	15	15	64	45	40	45	-37.5	0.0
Mussels	1	1	2	2	14	26	21	23	50.0	-11.5
Scallops	159	217	199	304	115	183	60	109	-47.8	-40.4
Winkles	1	1	-	-	9	2	•	•	N/A	N/A
Lobsters	808	3,981	1,023	5,444	1,073	6,382	1,312	9,106	22.3	42.7
Shrimp	-	-	-	-	-	-	-	-	N/A	N/A
Snow Crabs	-	-	18	30	16	35	8	32	-50.0	-8.6
Other mollusc and crustacean	-	-	-	-	-	-	•	•	N/A	N/A
Total mollusc and crustacean	**1,024**	**4,259**	**1,266**	**5,811**	**1,313**	**6,702**	**1,462**	**9,338**	**11.3**	**39.3**
Other items	-	-	-	-	-	-	-	-	N/A	N/A
Total	**4,098**	**5,267**	**4,157**	**6,859**	**5,294**	**8,305**	**5,497**	**11,627**	**3.8**	**40.0**

FIGURE 99

Landings in Magdalen Islands
for the 35' and under from
1984 to 1987 by species group

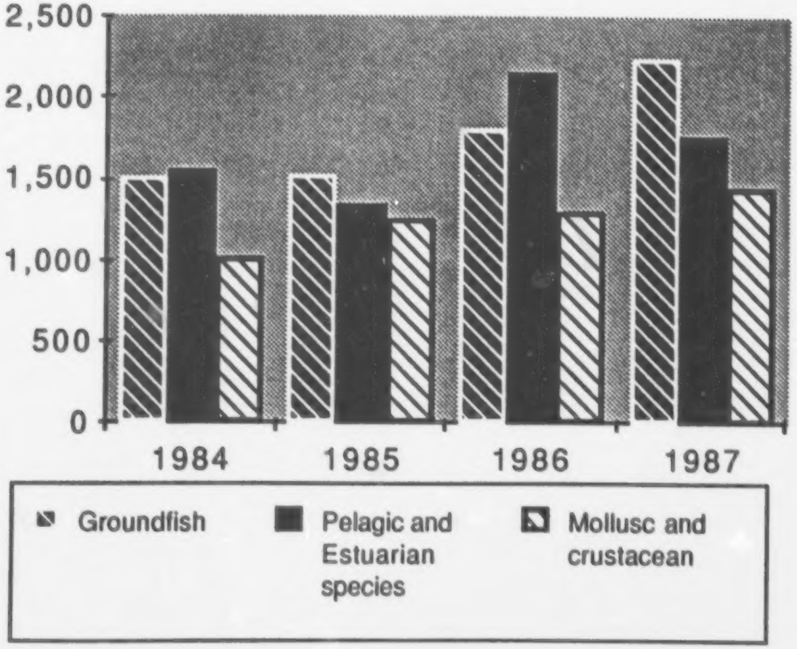


FIGURE 100

Landed value in Magdalen Islands
for the 35' and under from
1984 to 1987 by species group

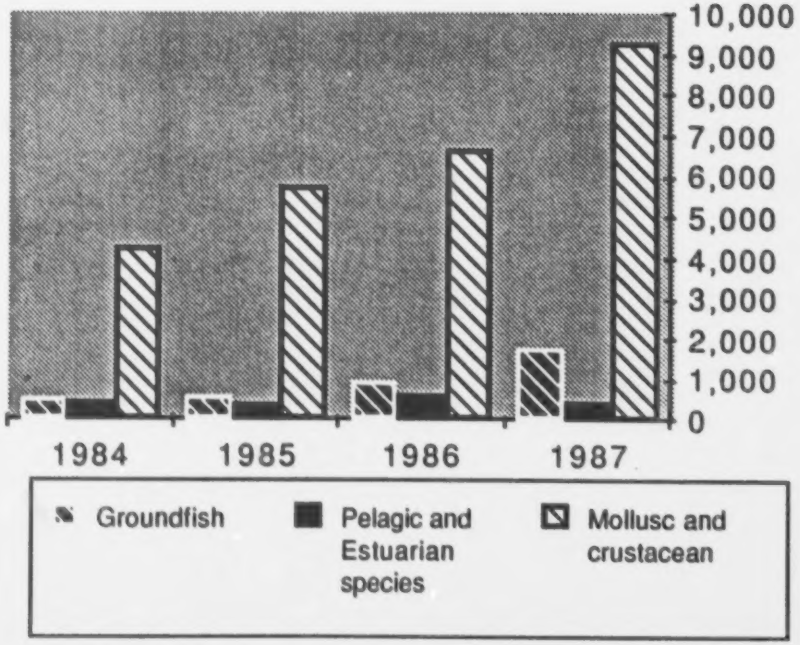


TABLE 31B

LANDINGS IN THE MAGDALEN ISLANDS BY VESSELS 35' TO 64'11"- 1984 TO 1987

(Quantity in rounded metric tons, live weight)

(Value in thousands of dollars)

SPECIES	1984 Quantity	1984 Value	1985 Quantity	1985 Value	1986 Quantity	1986 Value	1987 Quantity	1987 Value	Var. in % Quantity	Var. in % Value
Cod	309	101	469	170	819	464	1,353	1,078	65.2	132.3
Haddock	1	1	•	•	32	25	16	16	-50.0	-36.0
Redfish	-	-	-	-	2	1	18	8	N/A	N/A
Atlantic Halibut	-	-	1	4	2	6	3	11	50.0	83.3
American Plaice	49	18	168	66	488	341	954	1,032	95.5	202.6
Greysole	-	-	-	-	1	1	16	17	N/A	N/A
Winter Flounder	-	-	-	-	118	66	119	70	0.8	6.1
Unspecified Flounders	-	-	-	-	-	-	-	-	N/A	N/A
Greenland Halibut	-	-	-	-	-	-	-	-	N/A	N/A
White Hake	13	2	11	2	15	3	84	44	460.0	N/A
Catfish	-	-	-	-	-	-	-	-	N/A	N/A
Other groundfish	-	-	-	-	22	8	202	83	N/A	N/A
Total groundfish	372	122	649	242	1,499	915	2,765	2,359	84.5	157.8
Herring	5	1	-	-	4	1	10	2	150.0	100.0
Mackerel	307	99	469	144	531	151	467	122	-12.1	-19.2
Tuna, Bluefin	-	-	-	-	-	-	-	-	N/A	N/A
Eels	-	-	-	-	-	-	1	•	N/A	N/A
Salmon	-	-	-	-	-	-	-	-	N/A	N/A
Smelts	-	-	-	-	-	-	-	-	N/A	N/A
Capelin	-	-	-	-	-	-	-	-	N/A	N/A
Other pelagic and estuarian species	-	-	-	-	-	-	2	1	N/A	N/A
Total pelagic and estuarian species	312	100	469	144	535	152	480	125	-10.3	-17.8
Soft Shell Clams	-	-	-	-	-	-	-	-	N/A	N/A
Quahaugs Clams	-	-	-	-	-	-	-	-	N/A	N/A
Mussels	-	-	-	-	-	-	-	-	N/A	N/A
Scallops	404	584	347	504	118	174	98	157	-16.9	-9.8
Winkles	-	-	-	-	1	•	•	•	N/A	N/A
Lobsters	385	1,876	435	2,274	508	2,983	573	3,974	12.8	33.2
Shrimp	2,035	2,691	-	-	-	-	-	-	N/A	N/A
Snow Crabs	-	-	2,402	2,910	1,308	2,588	713	2,751	-45.5	6.3
Other mollusc and crustacean	-	-	-	-	-	-	1	•	N/A	N/A
Total mollusc and crustacean	2,824	5,151	3,184	5,688	1,935	5,745	1,385	6,882	-28.4	19.8
Other items	-	-	-	-	-	-	-	-	N/A	N/A
Total	3,508	5,373	4,302	6,074	3,969	6,812	4,630	9,366	16.7	37.5

FIGURE 101

Landings in Magdalen Islands for the 35' to 64'11" from 1984 to 1987 by species group

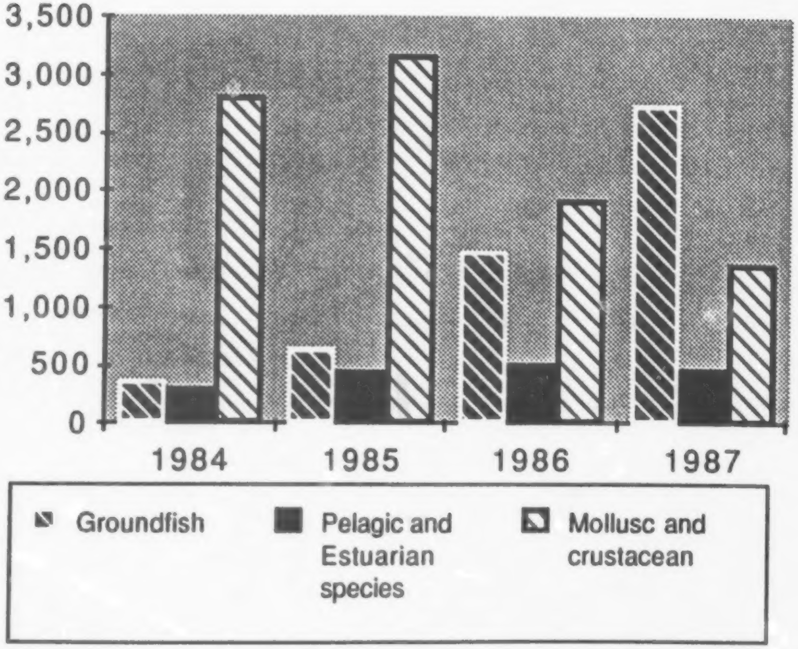


FIGURE 102

Landed value in Magdalen Islands for the 35' to 64'11" from 1984 to 1987 by species group

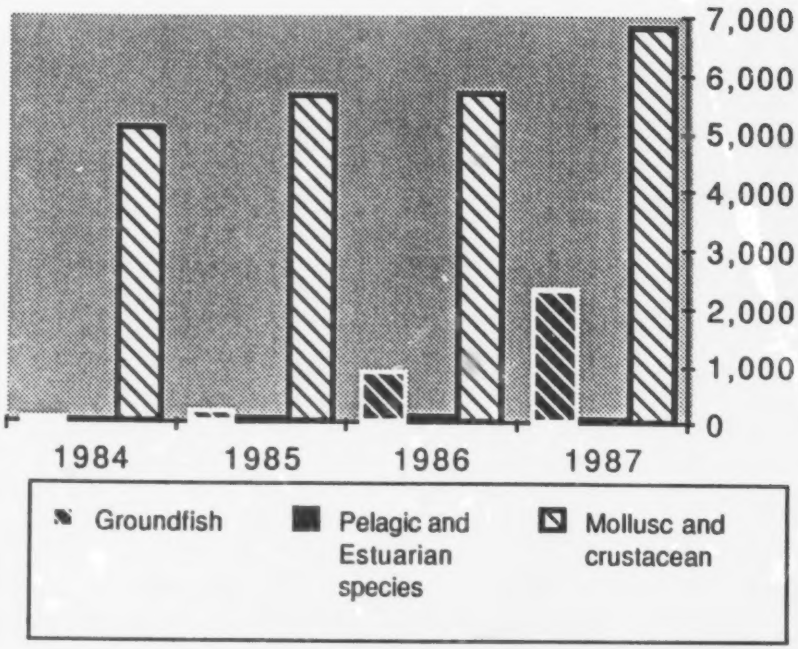


TABLE 31C

LANDINGS IN THE MAGDALEN ISLANDS BY VESSELS 65' AND OVER- 1984 TO 1987

(Quantity in rounded metric tons, live weight)

(Value in thousands of dollars)

SPECIES	1984		1985		1986		1987		Var. in %	
	Quantity	Value	Quantity	Value	Quantity	Value	Quantity	Value	Quantity	Value
Cod	-	-	31	12	588	216	678	414	15.3	91.7
Haddock	-	-	-	-	*	*	1	1	N/A	N/A
Redfish	12,655	2,820	8,655	1,900	9,148	2,135	12,995	3,073	42.1	43.9
Atlantic Halibut	2	5	5	15	10	23	4	8	-60.0	-65.2
American Plaice	*	1	-	-	5	1	19	15	280.0	N/A
Greysole	-	-	-	-	2	1	10	10	400.0	N/A
Winter Flounder	-	-	-	-	-	-	-	-	N/A	N/A
Unspecified Flounders	-	-	-	-	-	-	-	-	N/A	N/A
Greenland Halibut	-	-	-	-	-	-	-	-	N/A	N/A
White Hake	-	-	-	-	*	*	1	*	N/A	N/A
Catfish	-	-	-	-	2	*	-	-	N/A	N/A
Other groundfish	-	-	-	-	11	1	3	1	-72.7	0.0
Total groundfish	12,657	2,826	8,691	1,927	9,766	2,377	13,711	3,522	40.4	48.2
Herring	-	-	-	-	-	-	-	-	N/A	N/A
Mackerel	-	-	-	-	-	-	-	-	N/A	N/A
Tuna, Bluefin	-	-	-	-	-	-	-	-	N/A	N/A
Eels	-	-	-	-	-	-	-	-	N/A	N/A
Salmon	-	-	-	-	-	-	-	-	N/A	N/A
Smelts	-	-	-	-	-	-	-	-	N/A	N/A
Capelin	-	-	-	-	-	-	-	-	N/A	N/A
Other pelagic and estuarian species	-	-	-	-	-	-	-	-	N/A	N/A
Total pelagic and estuarian species	-	-	-	-	-	-	-	-	N/A	N/A
Soft Shell Clams	-	-	-	-	-	-	-	-	N/A	N/A
Quahaugs Clams	-	-	-	-	-	-	-	-	N/A	N/A
Mussels	-	-	-	-	-	-	-	-	N/A	N/A
Scallops	-	-	-	-	-	-	-	-	N/A	N/A
Winkles	-	-	-	-	-	-	-	-	N/A	N/A
Lobsters	-	-	-	-	-	-	-	-	N/A	N/A
Shrimp	-	-	-	-	-	-	-	-	N/A	N/A
Snow Crabs	268	354	414	489	172	342	84	325	-51.2	-5.0
Other mollusc and crustacean	-	-	-	-	-	-	-	-	N/A	N/A
Total mollusc and crustacean	268	354	414	489	172	342	84	325	-51.2	-5.0
Other items	-	-	-	-	-	-	-	-	N/A	N/A
Total	12,925	3,180	9,105	2,416	9,938	2,719	13,795	3,847	38.8	41.5

FIGURE 103

Landings in Magdalen Islands for the 65' and over from 1984 to 1987 by species group

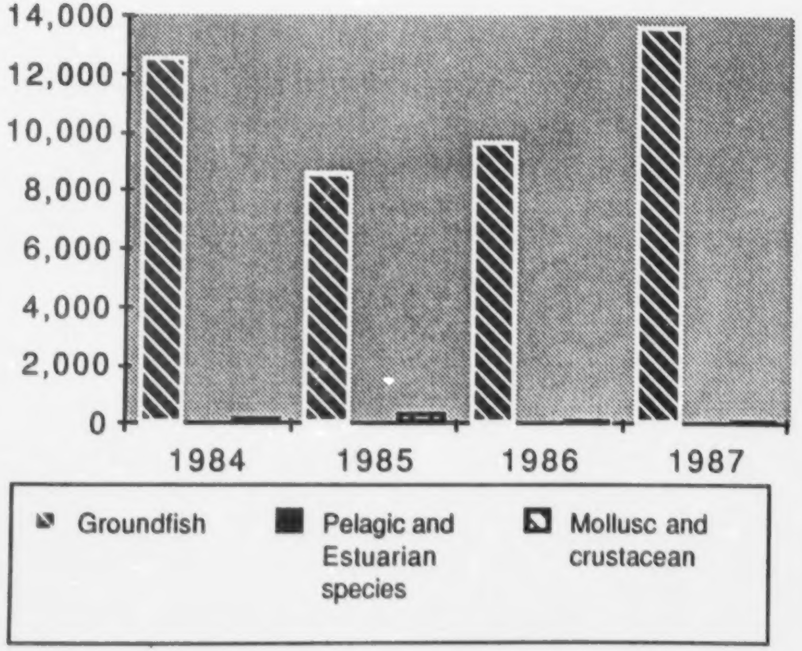


FIGURE 104

Landed value in Magdalen Islands for the 65' and over from 1984 to 1987 by species group

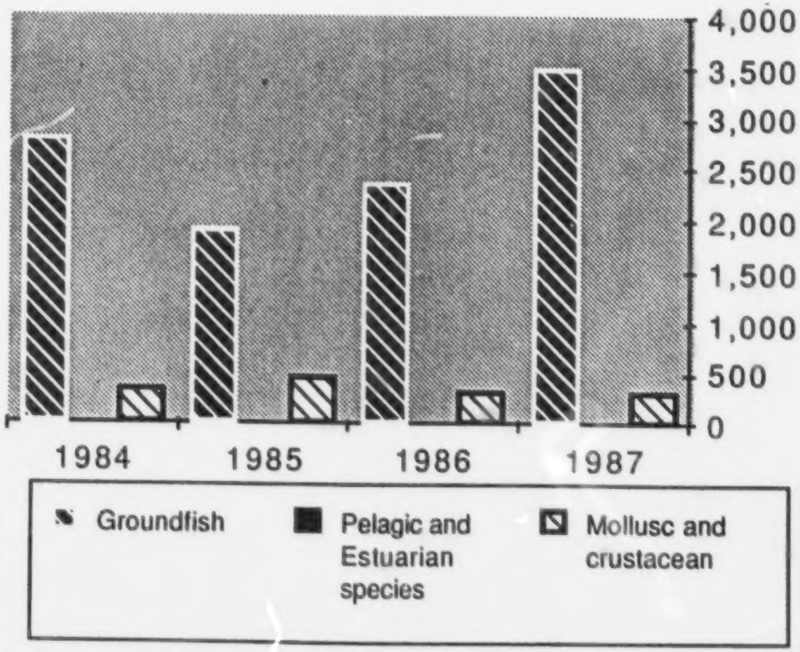


TABLE 31.1

MONTHLY LANDINGS IN THE MAGDALEN ISLANDS BY SPECIES,

1987 SEASON,

(Quantity in rounded metric tons, live weight)

SPECIES	January	February	March	April	May	June
Cod	-	-	-	279	540	551
Haddock	-	-	-	-	6	1
Redfish	-	-	-	1	911	2,185
Atlantic Halibut	-	-	-	•	1	2
American Plaice	-	-	-	19	169	396
Greysole	-	-	-	5	9	2
Winter Flounder	-	-	-	-	5	49
Unspecified Flounders	-	-	-	-	-	-
Greenland Halibut	-	-	-	-	-	-
White Hake	-	-	-	-	2	1
Catfish	-	-	-	-	-	-
Other groundfish	-	-	-	-	3	32
Total groundfish	-	-	-	**304**	**1,646**	**3,219**
Herring	-	-	-	•	66	40
Mackerel	-	-	-	-	109	79
Tuna, Bluefin	-	-	-	-	-	-
Eels	-	-	-	2	-	-
Salmon	-	-	-	-	-	-
Smelts	-	-	-	2	-	-
Capelin	-	-	-	-	-	-
Other pelagic and estuarian species	-	-	-	-	-	-
Total pelagic and estuarian species	-	-	-	**4**	**175**	**119**
Soft Shell Clams	-	-	-	1	1	1
Quahaugs Clams	-	-	-	2	1	1
Mussels	-	-	-	2	-	1
Scallops	-	-	-	12	29	25
Winkles	-	-	-	-	-	•
Lobsters	-	-	-	-	613	1,028
Shrimp	-	-	-	-	-	-
Snow Crabs	-	-	-	40	509	224
Other mollusc and crustacean	-	-	-	-	-	1
Total mollusc and crustacean	-	-	-	**57**	**1,153**	**1,281**
Other items	-	-	-	-	-	-
Total	-	-	-	**365**	**2,974**	**4,619**

TABLE 31.1

MONTHLY LANDINGS IN THE MAGDALEN ISLANDS BY SPECIES,

1987 SEASON,

(Quantity in rounded metric tons, live weight)

July	August	September	October	November	December	Total
487	706	223	348	381	84	3,599
1	5	1	6	2	-	22
2,453	1,782	2,104	1,870	832	874	13,012
1	22	3	3	-	-	32
340	254	111	82	40	-	1,411
5	5	•	•	2	-	28
24	7	4	32	•	-	121
-	-	-	-	-	-	-
-	-	-	-	-	-	-
34	185	45	29	4	1	301
•	-	-	-	-	-	-
39	34	25	68	9	3	213
3,384	**3,000**	**2,516**	**2,438**	**1,270**	**962**	**18,739**
•	1	-	-	-	-	107
68	574	1,187	107	-	-	2,124
-	-	-	-	-	-	-
1	-	-	1	1	•	5
-	-	-	-	-	-	-
-	-	-	-	1	1	4
-	-	-	-	-	-	-
1	8	1	1	-	-	11
70	**583**	**1,188**	**109**	**2**	**1**	**2,251**
2	12	2	3	•	-	22
4	26	4	2	1	-	41
8	8	•	2	•	-	21
43	27	22	-	-	-	158
•	-	-	-	-	-	-
243	-	-	-	-	-	1,884
-	-	-	-	-	-	-
32	-	-	-	-	-	805
•	-	-	-	-	-	1
332	**73**	**28**	**7**	**1**	-	**2,932**
-	-	-	-	-	-	-
3,786	**3,656**	**3,732**	**2,554**	**1,273**	**963**	**23,922**

TABLE 31.1A

MONTHLY LANDINGS IN THE MAGDALEN ISLANDS BY SPECIES,

1987 SEASON,

(Value in thousands of dollars)

SPECIES	January	February	March	April	May	June
Cod	-	-	-	221	364	424
Haddock	-	-	-	-	4	1
Redfish	-	-	-	•	245	562
Atlantic Halibut	-	-	-	1	2	4
American Plaice	-	-	-	18	98	321
Greysole	-	-	-	5	10	2
Winter Flounder	-	-	-	-	3	26
Unspecified Flounders	-	-	-	-	-	-
Greenland Halibut	-	-	-	-	-	-
White Hake	-	-	-	-	•	•
Catfish	-	-	-	-	-	-
Other groundfish	-	-	-	-	1	12
Total groundfish	-	-	-	245	727	1,352
Herring	-	-	-	•	20	12
Mackerel	-	-	-	-	30	23
Tuna, Bluefin	-	-	-	-	-	-
Eels	-	-	-	6	-	-
Salmon	-	-	-	-	-	-
Smelts	-	-	-	4	-	-
Capelin	-	-	-	-	-	-
Other pelagic and estuarian species	-	-	-	-	-	-
Total pelagic and estuarian species	-	-	-	10	50	35
Soft Shell Clams	-	-	-	1	•	1
Quahaugs Clams	-	-	-	2	1	1
Mussels	-	-	-	2	-	1
Scallops	-	-	-	20	48	41
Winkles	-	-	-	-	-	•
Lobsters	-	-	-	-	4,256	7,135
Shrimp	-	-	-	-	-	-
Snow Crabs	-	-	-	155	1,963	867
Other mollusc and crustacean	-	-	-	-	-	•
Total mollusc and crustacean	-	-	-	180	6,268	8,046
Other items	-	-	-	-	-	-
Total	-	-	-	435	7,045	9,433

TABLE 31.1A

MONTHLY LANDINGS IN THE MAGDALEN ISLANDS BY SPECIES,

1987 SEASON,

(Value in thousands of dollars)

July	August	September	October	November	December	Total
392	590	172	343	261	20	2,787
2	6	1	6	2	-	22
596	414	463	446	160	196	3,082
4	86	12	12	-	-	121
267	397	98	82	35	-	1,316
5	5	1	•	1	-	29
14	4	3	21	•	-	71
-	-	-	-	-	-	-
-	-	-	-	-	-	-
14	103	25	16	2	•	160
•	-	-	-	-	-	-
17	15	10	28	4	•	87
1,311	1,620	785	954	465	216	7,675
•	•	-	-	-	-	32
21	152	314	29	-	-	569
-	-	-	-	-	-	-
•	-	-	2	1	1	10
-	-	-	-	-	-	-
-	-	-	-	2	1	7
-	-	-	-	-	-	-
•	2	•	•	-	-	2
21	154	314	31	3	2	620
3	13	2	3	•	-	23
4	28	5	3	1	-	45
9	9	•	2	•	-	23
72	46	39	-	-	-	266
•	-	-	-	-	-	•
1,689	-	-	-	-	-	13,080
-	-	-	-	-	-	-
123	-	-	-	-	-	3,108
•	-	-	-	-	-	•
1,900	96	46	8	1	-	16,545
-	-	-	-	-	-	-
3,232	1,870	1,145	993	469	218	24,840

FIGURE 105

Monthly evolution of landings in Magdalen Islands, by species group in 1987

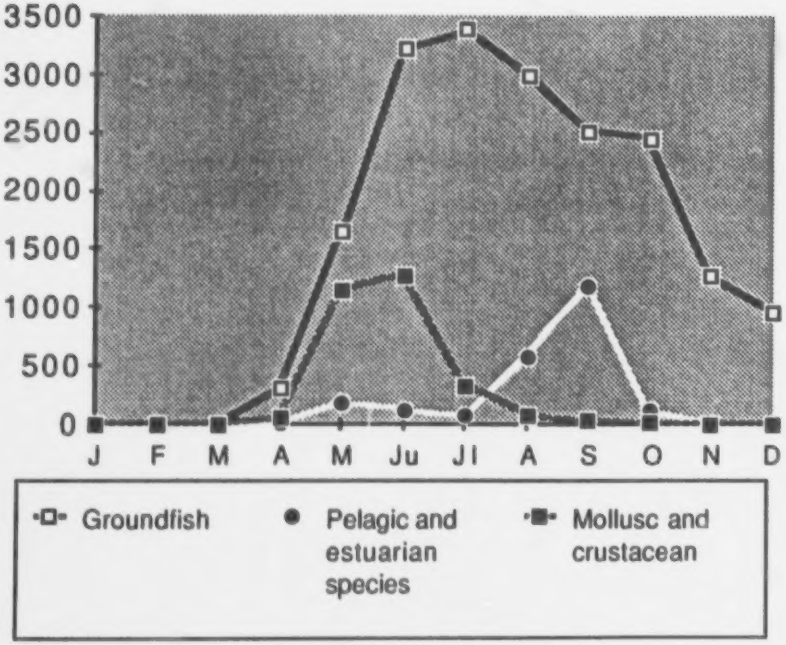
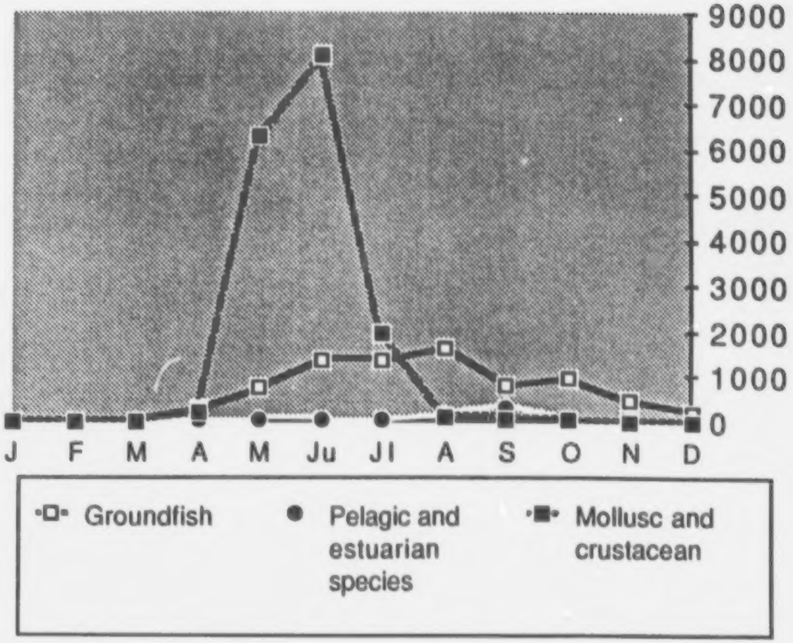


FIGURE 106

Monthly evolution of landed value in Magdalen Islands, by species group in 1987



QUEBEC MARINE FISHERIES
LANDING AVERAGE PRICE BY SPECY
(EXCLUDING SUPPLEMENTARY SLIPS)

QUEBEC REGION
TABLE 32
MAGDALEN ISLANDS

($ / KILOGRAM)

SPECIES	LANDED FORM DESCRIPTION	1986 (FINAL)	1987 (FINAL)	VARIATION IN %
GROUNDFISH				
COD	1	.382	.636	66.4
	2	.689	.991	43.8
	3	-	1.037	N/A
HADDOCK	1	.724	.926	27.9
	2	.949	1.324	39.5
	3	-	1.326	N/A
REDFISH	1	.233	.236	1.2
	2	-	.507	N/A
HALIBUT	1	2.382	4.545	90.8
	2	-	3.885	N/A
PLAICE	1	.689	1.047	51.9
	2	-	.781	N/A
GREYSOLE (WITCH)	1	.523	1.056	101.9
WINTER FLOUNDER	1	.558	.588	5.3
WHITE HAKE	1	.170	.771	N/A
	2	.186	.639	243.5
	5	-	.670	N/A
CATFISH	1	.176	-	N/A
	2	-	.308	N/A
PELAGIC AND ESTUARIAL FISH				
HERRING	1	.230	.215	-6.5
MACKEREL	1	.237	.259	9.2
	2	-	.396	N/A
	3	.439	.396	-9.7

QUEBEC MARINE FISHERIES
LANDING AVERAGE PRICE BY SPECY
(EXCLUDING SUPPLEMENTARY SLIPS)

QUEBEC REGION
TABLE 32

MAGDALEN ISLANDS

($ / KILOGRAM)

SPECIES	LANDED FORM DESCRIPTION	1986 (FINAL)	1987 (FINAL)	VARIATION IN %
EELS	1	-	.305	N/A
MOLLUSCS AND CRUSTACEANS				
QUAHAUGS CLAMS	1	.456	-	N/A
SCALLOP	1	-	1.589	N/A
	7	12.263	13.273	8.2
WHELK (WINKLE)	1	.217	.244	12.4
LOBSTER	1	5.918	6.940	17.2
SNOW CRABS (QUEEN)	1	1.979	3.859	94.9

Ranking of fishing ports

MAGDALEN ISLANDS

Cap aux Meules stands out far in front of the other ports in the Magdalen Islands. Between 1984 and 1987, this port alone accounted for from 61% to nearly 68% of the Islands' total landed volume.

A second group comprising Etang du Nord, Havre Aubert and Millerand also made its mark in terms of volume of landings. These three ports practically took turns holding down second, third or fourth place from 1984 to 1987. The three ports together received landings averaging 4,851 t.

Studying the value tables, we note that Havre Aubert and Etang du Nord consistently finished within the top four positions while Grande Entrée came second in 1985, 1986 and 1987 and third in 1984. The average value of landings made at Grande Entrée was $3.1 million and the average volume was 810 t.

Examination of the list of Magdalen Islands ports as a whole indicates, as noted earlier, the existence of subgroups for which we see only small difference between members in terms of volume and value of landings. This finding can be confirmed in most cases regardless of the year.

TABLE 33

- MAGDALEN ISLANDS -

TOP 10 POINTS OF LANDING, 1984 TO 1987

1984	Volume in m. t. live weight	% of total for Magd. Is.	1985	Volume in m. t. live weight	% of total for Magd. Is.
1- Cap-aux-Meules	13,915	67.78	1- Cap-aux-Meules	11,253	64.07
2- Havre-Aubert	2,241	10.92	2- Havre-Aubert	1,716	9.77
3- Millerand	1,249	6.08	3- Millerand	1,240	7.06
4- Etang du Nord	886	4.32	4- Etang du Nord	962	5.48
5- Grosse Isle	765	3.73	5- Grande-Entrée	799	4.55
6- Grande-Entrée	684	3.33	6- Grosse Isle	516	2.94
7- Havre-aux-Maisons	246	1.20	7- Pointe-Basse	280	1.59
8- Ile d'Entrée	149	0.73	8- Pointe-au-Loup	219	1.25
9- Old Harry	131	0.64	9- Havre-aux-Maisons	175	1.00
10- Pointe-au-Loup	118	0.57	10- Ile d'Entrée	159	0.91

1984	Value in thousands of dollars	% of total for Magd. Is.	1985	Value in thousands of dollars	% of total for Magd. Is.
1- Cap-aux-Meules	4,764	34.47	1- Cap-aux-Meules	5,254	34.23
2- Havre-Aubert	2,429	17.58	2- Grande-Entrée	2,538	16.54
3- Grande-Entrée	1,865	13.49	3- Havre-Aubert	1,864	12.14
4- Etang du Nord	1,170	8.47	4- Etang du Nord	1,379	8.98
5- Millerand	885	6.40	5- Millerand	1,074	7.00
6- Grosse Isle	881	6.37	6- Grosse Isle	1,072	6.98
7- Havre-aux-Maisons	801	5.80	7- Pointe-Basse	653	4.25
8- Old Harry	364	2.63	8- Old Harry	492	3.21
9- Ile d'Entrée	310	2.24	9- Ile d'Entrée	375	2.44
10- Pointe-au-Loup	193	1.40	10- Pointe-aux-Loups	257	1.67

TABLE 33

- MAGDALEN ISLANDS -

TOP 10 POINTS OF LANDING, 1984 TO 1987

1986	Volume in m. t. live weight	% of total for Magd. Is.	1987	Volume in m. t. live weight	% of total for Magd. Is.
1- Cap-aux-Meules	11,774	61.32	1- Cap-aux-Meules	14,824	61.97
2- Millerand	1,825	9.50	2- Havre-Aubert	2,348	9.82
3- Havre-Aubert	1,614	8.41	3- Etang du Nord	2,125	8.88
4- Etang du Nord	1,393	7.25	4- Millerand	1,807	7.55
5- Grande-Entrée	855	4.45	5- Grosse Isle	932	3.90
6- Grosse Isle	699	3.64	6- Grande-Entrée	901	3.77
7- Pointe-Basse	379	1.97	7- Pointe-Basse	331	1.38
8- Pointe-aux-Loups	180	0.94	8- Ile d'Entrée	273	1.14
9- Ile d'Entrée	161	0.84	9- Pointe-aux-Loups	124	0.52
10 - Havre-aux-Maisons	141	0.73	10 - Old Harry	117	0.49

1986	Value in thousands of dollars	% of total for Magd. Is.	1987	Value in thousands of dollars	% of total for Magd. Is.
1- Cap-aux-Meules	5,938	33.29	1- Cap-aux-Meules	7,292	29.36
2- Grande-Entrée	3,343	18.74	2- Grande-Entrée	4,481	18.04
3- Havre-Aubert	1,798	10.08	3- Havre-Aubert	2,946	11.86
4- Etang du Nord	1,616	9.06	4- Etang du Nord	2,897	11.66
5- Millerand	1,371	7.69	5- Millerand	2,099	8.45
6- Grosse Isle	1,125	6.31	6- Grosse Isle	1,720	6.92
7- Pointe-Basse	852	4.78	7- Pointe-Basse	1,192	4.80
8- Old Harry	627	3.52	8- Ile d'Entrée	710	2.86
9- Ile d'Entrée	526	2.95	9- Old Harry	694	2.79
10 - Havre-aux-Maisons	240	1.35	10 - Pointe-aux-Loups	309	1.24

St Lawrence sector

The St Lawrence sector is characterized by limited activity in the marine fishery and, accordingly, a small number of fishermen, buyers and processors. Because of this situation and our confidentiality rules, we cannot present landings tables for the sector.

Landings of on the order of 751 t were recorded in this sector, which extends along the south shore of the St Lawrence from Anse à Gilles to Cap à l'Orignal and along the north shore from Cap Tourmente to Baie Sainte Catherine. The value of this catch was $2.3 million. Landings are thus up by 16% from 1986 in terms of volume and 30% in terms of value.

There are 38 vessels operating in the sector, 9 buyers and 25 processors.

STATISTICAL

DISTRICTS

TABLE 34

TOTAL NUMBER OF FISHERMEN IN QUEBEC
IN 1986 AND 1987
BY STATISTICAL DISTRICT

REPORTING DISTRICT

Number	Description	1986	1987	Variation in %
1-	Anse à Gilles to Pointe Rouge	1	-	N/A
2-	Pointe Rouge to Notre-Dame du Portage	11	12	9.1
3-	Notre-Dame du Portage to Ste-Luce	96	110	14.6
4-	Ste-Flavie to the eastern boundary of Matane count	257	307	19.5
5-	Cap Chat to Duchesnay	252	324	28.6
6-	Duchesnay to St-Hélier	267	294	10.1
7-	St-Hélier to Petite Rivière-au-Renard	161	154	-4.3
8-	Petite Rivière-au-Renard to Cap des Rosiers	315	352	11.7
9-	Cap Gaspé to Pointe St-Pierre	196	207	5.6
10-	Pointe St-Pierre to Brèche à Manon	315	322	2.2
11-	Brèche à Manon to Pointe Maquereau	525	575	9.5
12-	Pointe Maquereau to New Carlisle	322	329	2.2
13-	New Carlisle to Grande Cascapédia River	79	78	-1.3
14-	Grande Cascapédia River to Pointe Miguasha	83	86	3.6
15-	Pointe Miguasha to Restigouche River	2	3	50.0
16-	Cap Tourmente to Saguenay River	16	14	-12.5
17-	Saguenay River to Bersimis	108	109	0.9
18-	Bersimis to Ste-Marguerite River	240	246	2.5
19-	Ste-Marguerite River to Rivière Pigou	231	307	32.9
20-	Rivière Pigou to Havre St-Pierre	166	196	18.1
21-	Havre St-Pierre to Rivière Kégaska	151	186	23.2
22-	Rivière Kégaska to Baie des Moutons	305	309	1.3
23-	Baie des Moutons to Bonne Espérance	603	633	5.0
24-	Bonne Espérance to Blanc Sablon	308	304	-1.3
25-	Anticosti Island	9	10	11.1
26-	Magdalen Islands, Northern Division	566	604	6.7
27-	Ile du Havre Aubert to Ile d'Entrée	300	360	20.0
28-	Ile de Cap-aux-Meules	299	301	0.7
29-	Other	53	83	56.6
	TOTAL	6,237	6,815	9.3

TABLE 34A

NUMBER OF FISHERMEN-OWNERS IN QUEBEC
IN 1986 AND 1987
BY STATISTICAL DISTRICT

REPORTING DISTRICT

Number	Description	1986	1987	Variation in %
1-	Anse à Gilles to Pointe Rouge	-	-	N/A
2-	Pointe Rouge to Notre-Dame du Portage	11	11	0.0
3-	Notre-Dame du Portage to Ste-Luce	45	46	2.2
4-	Ste-Flavie to the eastern boundary of Matane count	99	108	9.1
5-	Cap Chat to Duchesnay	116	118	1.7
6-	Duchesnay to St-Hélier	126	132	4.8
7-	St-Hélier to Petite Rivière-au-Renard	58	62	6.9
8-	Petite Rivière-au-Renard to Cap des Rosiers	90	117	30.0
9-	Cap Gaspé to Pointe St-Pierre	76	79	3.9
10-	Pointe St-Pierre to Brèche à Manon	124	123	-0.8
11-	Brèche à Manon to Pointe Maquereau	142	152	7.0
12-	Pointe Maquereau to New Carlisle	112	107	-4.5
13-	New Carlisle to Grande Cascapédia River	30	25	-16.7
14-	Grande Cascapédia River to Pointe Miguasha	38	37	-2.6
15-	Pointe Miguasha to Restigouche River	1	1	0.0
16-	Cap Tourmente to Saguenay River	9	9	0.0
17-	Saguenay River to Bersimis	52	45	-13.5
18-	Bersimis to Ste-Marguerite River	119	111	-6.7
19-	Ste-Marguerite River to Rivière Pigou	117	143	22.2
20-	Rivière Pigou to Havre St-Pierre	92	87	-5.4
21-	Havre St-Pierre to Rivière Kégaska	66	63	-4.5
22-	Rivière Kégaska to Baie des Moutons	149	152	2.0
23-	Baie des Moutons to Bonne Espérance	279	296	6.1
24-	Bonne Espérance to Blanc Sablon	137	132	-3.6
25-	Anticosti Island	4	6	50.0
26-	Magdalen Islands, Northern Division	202	217	7.4
27-	Ile du Havre Aubert to Ile d'Entrée	119	132	10.9
28-	Ile de Cap-aux-Meules	125	121	-3.2
29-	Other	14	17	21.4
	TOTAL	2,552	2,649	3.8

TABLE 34B

NUMBER OF HELPERS IN QUEBEC
IN 1986 AND 1987
BY STATISTICAL DISTRICT

REPORTING DISTRICT

Number	Description	1986	1987	Variation in %
1-	Anse à Gilles to Pointe Rouge	1	-	N/A
2-	Pointe Rouge to Notre-Dame du Portage	-	1	N/A
3-	Notre-Dame du Portage to Ste-Luce	51	64	25.5
4-	Ste-Flavie to the eastern boundary of Matane count	158	199	25.9
5-	Cap Chat to Duchesnay	136	206	51.5
6-	Duchesnay to St-Hélier	141	162	14.9
7-	St-Hélier to Petite Rivière-au-Renard	103	92	-10.7
8-	Petite Rivière-au-Renard to Cap des Rosiers	225	235	4.4
9-	Cap Gaspé to Pointe St-Pierre	120	128	6.7
10-	Pointe St-Pierre to Brèche à Manon	191	199	4.2
11-	Brèche à Manon to Pointe Maquereau	383	423	10.4
12-	Pointe Maquereau to New Carlisle	210	222	5.7
13-	New Carlisle to Grande Cascapédia River	49	53	8.2
14-	Grande Cascapédia River to Pointe Miguasha	45	49	8.9
15-	Pointe Miguasha to Restigouche River	1	2	100.0
16-	Cap Tourmente to Saguenay River	7	5	-28.6
17-	Saguenay River to Bersimis	56	64	14.3
18-	Bersimis to Ste-Marguerite River	121	135	11.6
19-	Ste-Marguerite River to Rivière Pigou	114	164	43.9
20-	Rivière Pigou to Havre St-Pierre	74	109	47.3
21-	Havre St-Pierre to Rivière Kégaska	85	123	44.7
22-	Rivière Kégaska to Baie des Moutons	156	157	0.6
23-	Baie des Moutons to Bonne Espérance	324	337	4.0
24-	Bonne Espérance to Blanc Sablon	171	172	0.6
25-	Anticosti Island	5	4	-20.0
26-	Magdalen Islands, Northern Division	364	387	6.3
27-	Ile du Havre Aubert to Ile d'Entrée	181	228	26.0
28-	Ile de Cap-aux-Meules	174	180	3.4
29-	Other	39	66	69.2
	TOTAL	**3,685**	**4,166**	**13.1**

TABLE 35

NUMBER OF VESSELS IN QUEBEC
IN 1986 AND 1987
BY STATISTICAL DISTRICT

REPORTING DISTRICT

Number	Description	1986	1987	Variation in %
1-	Anse à Gilles to Pointe Rouge	-	-	N/A
2-	Pointe Rouge to Notre-Dame du Portage	5	5	0.0
3-	Notre-Dame du Portage to Ste-Luce	43	47	9.3
4-	Ste-Flavie to the eastern boundary of Matane count	111	122	9.9
5-	Cap Chat to Duchesnay	122	129	5.7
6-	Duchesnay to St-Hélier	135	141	4.4
7-	St-Hélier to Petite Rivière-au-Renard	62	66	6.5
8-	Petite Rivière-au-Renard to Cap des Rosiers	89	121	36.0
9-	Cap Gaspé to Pointe St-Pierre	92	91	-1.1
10-	Pointe St-Pierre to Brèche à Manon	143	145	1.4
11-	Brèche à Manon to Pointe Maquereau	146	161	10.3
12-	Pointe Maquereau to New Carlisle	118	125	5.9
13-	New Carlisle to Grande Cascapédia River	33	30	-9.1
14-	Grande Cascapédia River to Pointe Miguasha	42	39	-7.1
15-	Pointe Miguasha to Restigouche River	1	1	0.0
16-	Cap Tourmente to Saguenay River	7	7	0.0
17-	Saguenay River to Bersimis	54	52	-3.7
18-	Bersimis to Ste-Marguerite River	128	121	-5.5
19-	Ste-Marguerite River to Rivière Pigou	126	153	21.4
20-	Rivière Pigou to Havre St-Pierre	95	90	-5.3
21-	Havre St-Pierre to Rivière Kégaska	72	65	-9.7
22-	Rivière Kégaska to Baie des Moutons	168	174	3.6
23-	Baie des Moutons to Bonne Espérance	320	343	7.2
24-	Bonne Espérance to Blanc Sablon	154	149	-3.2
25-	Anticosti Island	4	6	50.0
26-	Magdalen Islands, Northern Division	194	210	8.2
27-	Ile du Havre Aubert to Ile d'Entrée	121	130	7.4
28-	Ile de Cap-aux-Meules	131	129	-1.5
29-	Other	14	19	35.7
	TOTAL	2,730	2,871	5.2

TABLE 36

LANDINGS IN DISTRICT 01

ANSE À GILLES TO POINTE ROUGE

(Quantity in rounded metric tons, live weight)

(Value in thousands of dollars)

SPECIES	1986		1987		Var. in %	
	Quantity	Value	Quantity	Value	Quantity	Value
Cod	-	-	-	-	N/A	N/A
Haddock	-	-	-	-	N/A	N/A
Redfish	-	-	-	-	N/A	N/A
Atlantic Halibut	-	-	-	-	N/A	N/A
American Plaice	-	-	-	-	N/A	N/A
Greysole	-	-	-	-	N/A	N/A
Winter Flounder	-	-	-	-	N/A	N/A
Unspecified Flounders	-	-	-	-	N/A	N/A
Greenland Halibut	-	-	-	-	N/A	N/A
White Hake	-	-	-	-	N/A	N/A
Catfish	-	-	-	-	N/A	N/A
Other groundfish	-	-	-	-	N/A	N/A
Total groundfish	-	-	-	-	**N/A**	**N/A**
Herring	-	-	-	-	N/A	N/A
Mackerel	-	-	-	-	N/A	N/A
Tuna, Bluefin	-	-	-	-	N/A	N/A
Eels	5	22	9	42	80.0	90.9
Salmon	-	-	-	-	N/A	N/A
Smelts	-	-	-	-	N/A	N/A
Capelin	-	-	-	-	N/A	N/A
Other pelagic and estuarian species	2	10	•	1	N/A	-90.0
Total pelagic and estuarian species	**7**	**32**	**9**	**43**	**28.6**	**34.4**
Soft Shell Clams	-	-	-	-	N/A	N/A
Quahaugs Clams	-	-	-	-	N/A	N/A
Mussels	-	-	-	-	N/A	N/A
Scallops	-	-	-	-	N/A	N/A
Winkles	-	-	-	-	N/A	N/A
Lobsters	-	-	-	-	N/A	N/A
Shrimp	-	-	-	-	N/A	N/A
Snow Crabs	-	-	-	-	N/A	N/A
Other mollusc and crustacean	-	-	-	-	N/A	N/A
Total mollusc and crustacean	-	-	-	-	**N/A**	**N/A**
Other items	-	-	-	-	N/A	N/A
Total	**7**	**32**	**9**	**43**	**28.6**	**34.4**

TABLE 37

LANDINGS IN DISTRICT 02

POINTE ROUGE TO NOTRE-DAME DU PORTAGE

(Quantity in rounded metric tons, live weight)

(Value in thousands of dollars)

SPECIES	1986		1987		Var. in %	
	Quantity	Value	Quantity	Value	Quantity	Value
Cod	-	-	-	-	N/A	N/A
Haddock	-	-	-	-	N/A	N/A
Redfish	-	-	-	-	N/A	N/A
Atlantic Halibut	-	-	-	-	N/A	N/A
American Plaice	-	-	-	-	N/A	N/A
Greysole	-	-	-	-	N/A	N/A
Winter Flounder	-	-	-	-	N/A	N/A
Unspecified Flounders	-	-	-	-	N/A	N/A
Greenland Halibut	-	-	-	-	N/A	N/A
White Hake	-	-	-	-	N/A	N/A
Catfish	-	-	-	-	N/A	N/A
Other groundfish	2	1	•	•	N/A	N/A
Total groundfish	**2**	**1**	**•**	**•**	**N/A**	**N/A**
Herring	-	-	-	-	N/A	N/A
Mackerel	-	-	-	-	N/A	N/A
Tuna, Bluefin	-	-	-	-	N/A	N/A
Eels	263	1,214	270	1,231	2.7	1.4
Salmon	-	-	-	-	N/A	N/A
Smelts	•	•	•	•	N/A	N/A
Capelin	-	-	-	-	N/A	N/A
Other pelagic and estuarian species	40	162	5	25	-87.5	-84.6
Total pelagic and estuarian species	**303**	**1,376**	**275**	**1,256**	**-9.2**	**-8.7**
Soft Shell Clams	-	-	-	-	N/A	N/A
Quahaugs Clams	-	-	-	-	N/A	N/A
Mussels	-	-	-	-	N/A	N/A
Scallops	-	-	-	-	N/A	N/A
Winkles	-	-	-	-	N/A	N/A
Lobsters	-	-	-	-	N/A	N/A
Shrimp	-	-	-	-	N/A	N/A
Snow Crabs	-	-	-	-	N/A	N/A
Other mollusc and crustacean	-	-	-	-	N/A	N/A
Total mollusc and crustacean	**-**	**-**	**-**	**-**	**N/A**	**N/A**
Other items	-	-	-	-	N/A	N/A
Total	**305**	**1,377**	**275**	**1,256**	**-9.8**	**-8.8**

TABLE 38

LANDINGS IN DISTRICT 03

NOTRE-DAME DU PORTAGE TO STE-LUCE

(Quantity in rounded metric tons, live weight)

(Value in thousands of dollars)

SPECIES	1986 Quantity	1986 Value	1987 Quantity	1987 Value	Var. in % Quantity	Var. in % Value
Cod	76	44	23	22	-69.7	-50.0
Haddock	-	-	-	-	N/A	N/A
Redfish	8	3	•	•	N/A	N/A
Atlantic Halibut	•	•	1	2	N/A	N/A
American Plaice	8	5	9	10	12.5	100.0
Greysole	-	-	•	•	N/A	N/A
Winter Flounder	7	4	4	4	-42.9	0.0
Unspecified Flounders	-	-	-	-	N/A	N/A
Greenland Halibut	631	542	1,176	1,498	86.4	176.4
White Hake	2	•	•	•	N/A	N/A
Catfish	-	-	-	-	N/A	N/A
Other groundfish	•	•	-	-	N/A	N/A
Total groundfish	**732**	**599**	**1,214**	**1,535**	**65.8**	**156.3**
Herring	47	20	100	34	112.8	70.0
Mackerel	-	-	-	-	N/A	N/A
Tuna, Bluefin	-	-	-	-	N/A	N/A
Eels	46	210	97	448	110.9	113.3
Salmon	-	-	-	-	N/A	N/A
Smelts	2	2	1	1	-50.0	-50.0
Capelin	3	1	23	15	N/A	N/A
Other pelagic and estuarian species	8	21	3	14	-62.5	-33.3
Total pelagic and estuarian species	**106**	**254**	**223**	**512**	**110.4**	**101.6**
Soft Shell Clams	2	2	•	•	N/A	N/A
Quahaugs Clams	-	-	-	-	N/A	N/A
Mussels	-	-	-	-	N/A	N/A
Scallops	12	26	18	34	50.0	30.8
Winkles	•	•	2	2	N/A	N/A
Lobsters	•	•	•	1	N/A	N/A
Shrimp	-	-	-	-	N/A	N/A
Snow Crabs	295	596	413	1,410	40.0	136.6
Other mollusc and crustacean	-	-	•	•	N/A	N/A
Total mollusc and crustacean	**309**	**625**	**434**	**1,446**	**40.5**	**131.4**
Other items	-	-	...	•	N/A	N/A
Total	**1,148**	**1,478**	**1,871**	**3,494**	**63.0**	**136.4**

TABLE 39

LANDINGS IN DISTRICT 04

SAINTE-FLAVIE TO THE EASTERN BOUNDARY OF MATANE COUNTY

(Quantity in rounded metric tons, live weight)

(Value in thousands of dollars)

SPECIES	1986 Quantity	1986 Value	1987 Quantity	1987 Value	Var. in % Quantity	Var. in % Value
Cod	825	486	515	448	-37.6	-7.8
Haddock	•	•	•	•	N/A	N/A
Redfish	77	29	71	34	-7.8	17.2
Atlantic Halibut	1	3	3	8	200.0	166.7
American Plaice	124	82	224	207	80.6	152.4
Greysole	10	9	40	39	300.0	333.3
Winter Flounder	189	124	122	91	-35.4	-26.6
Unspecified Flounders	-	-	-	-	N/A	N/A
Greenland Halibut	2,503	2,007	3,004	3,916	20.0	95.1
White Hake	10	2	18	5	80.0	150.0
Catfish	-	-	-	-	N/A	N/A
Other groundfish	3	4	4	7	33.3	75.0
Total groundfish	**3,742**	**2,747**	**4,000**	**4,754**	**6.9**	**73.1**
Herring	24	10	25	9	4.2	-10.0
Mackerel	-	-	•	•	N/A	N/A
Tuna, Bluefin	-	-	-	-	N/A	N/A
Eels	•	•	-	-	N/A	N/A
Salmon	•	4	•	4	N/A	0.0
Smelts	•	•	-	-	N/A	N/A
Capelin	-	-	-	-	N/A	N/A
Other pelagic and estuarian species	5	5	1	1	-80.0	-80.0
Total pelagic and estuarian species	**30**	**19**	**27**	**14**	**-10.0**	**-26.3**
Soft Shell Clams	•	•	-	-	N/A	N/A
Quahaugs Clams	-	-	-	-	N/A	N/A
Mussels	-	-	-	-	N/A	N/A
Scallops	-	-	•	1	N/A	N/A
Winkles	1	•	1	•	0.0	N/A
Lobsters	-	-	1	8	N/A	N/A
Shrimp	1,652	2,871	1,054	2,398	-36.2	-16.5
Snow Crabs	43	89	34	114	-20.9	28.1
Other mollusc and crustacean	•	-	•	•	N/A	N/A
Total mollusc and crustacean	**1,696**	**2,960**	**1,090**	**2,522**	**-35.7**	**-14.8**
Other items	-	-	-	-	N/A	N/A
Total	**5,468**	**5,726**	**5,117**	**7,289**	**-6.4**	**27.3**

TABLE 40

LANDINGS IN DISTRICT 05

CAP CHAT TO DUCHESNAY

(Quantity in rounded metric tons, live weight)

(Value in thousands of dollars)

SPECIES	1986 Quantity	1986 Value	1987 Quantity	1987 Value	Var. in % Quantity	Var. in % Value
Cod	805	453	1,342	1,137	66.7	151.0
Haddock	6	5	2	2	-66.7	-60.0
Redfish	103	36	228	93	121.4	158.3
Atlantic Halibut	2	5	13	34	N/A	N/A
American Plaice	214	140	501	459	134.1	227.9
Greysole	31	25	408	411	N/A	N/A
Winter Flounder	-	-	1	•	N/A	N/A
Unspecified Flounders	-	-	-	-	N/A	N/A
Greenland Halibut	1,586	1,330	2,386	3,109	50.4	133.8
White Hake	5	1	7	2	40.0	100.0
Catfish	-	-	-	-	N/A	N/A
Other groundfish	-	-	-	•	N/A	N/A
Total groundfish	**2,752**	**1,996**	**4,888**	**5,246**	**77.6**	**162.8**
Herring	37	16	11	5	-70.3	-68.8
Mackerel	-	-	•	•	N/A	N/A
Tuna, Bluefin	-	-	-	-	N/A	N/A
Eels	-	-	-	-	N/A	N/A
Salmon	1	6	1	5	0.0	-16.7
Smelts	-	-	-	-	N/A	N/A
Capelin	-	-	-	-	N/A	N/A
Other pelagic and estuarian species	-	-	-	-	N/A	N/A
Total pelagic and estuarian species	**38**	**22**	**12**	**10**	**-68.4**	**-54.5**
Soft Shell Clams	-	-	-	-	N/A	N/A
Quahaugs Clams	-	-	-	-	N/A	N/A
Mussels	-	-	-	-	N/A	N/A
Scallops	•	1	1	2	N/A	100.0
Winkles	6	5	6	7	0.0	40.0
Lobsters	-	-	-	-	N/A	N/A
Shrimp	863	1,515	1,045	2,717	21.1	79.3
Snow Crabs	-	-	3	11	N/A	N/A
Other mollusc and crustacean	-	-	-	-	N/A	N/A
Total mollusc and crustacean	**869**	**1,521**	**1,055**	**2,735**	**21.4**	**79.8**
Other items	-	-	-	-	N/A	N/A
Total	**3,659**	**3,539**	**5,955**	**7,992**	**62.7**	**125.8**

TABLE 41

LANDINGS IN DISTRICT 06

DUCHESNAY TO SAINT-HÉLIER

(Quantity in rounded metric tons, live weight)

(Value in thousands of dollars)

SPECIES	1986 Quantity	1986 Value	1987 Quantity	1987 Value	Var. in % Quantity	Var. in % Value
Cod	2,970	1,584	2,881	2,270	-3.0	43.3
Haddock	39	35	3	3	-92.3	-91.4
Redfish	105	41	192	96	82.9	134.1
Atlantic Halibut	18	49	19	50	5.6	2.0
American Plaice	208	100	293	233	40.9	133.0
Greysole	368	346	-	-	N/A	N/A
Winter Flounder	•	•	1	1	N/A	N/A
Unspecified Flounders	-	-	-	-	N/A	N/A
Greenland Halibut	213	167	886	1,178	316.0	N/A
White Hake	9	2	36	11	300.0	450.0
Catfish	5	1	22	8	340.0	N/A
Other groundfish	-	-	3	4	N/A	N/A
Total groundfish	**3,935**	**2,325**	**4,336**	**3,854**	**10.2**	**65.8**
Herring	318	105	394	171	23.9	62.9
Mackerel	23	8	25	9	8.7	12.5
Tuna, Bluefin	-	-	-	-	N/A	N/A
Eels	-	-	-	-	N/A	N/A
Salmon	1	6	1	7	0.0	16.7
Smelts	•	•	-	-	N/A	N/A
Capelin	-	-	-	-	N/A	N/A
Other pelagic and estuarian species	10	4	-	-	N/A	N/A
Total pelagic and estuarian species	**353**	**123**	**419**	**187**	**18.7**	**52.0**
Soft Shell Clams	-	-	-	-	N/A	N/A
Quahaugs Clams	-	-	-	-	N/A	N/A
Mussels	-	-	-	-	N/A	N/A
Scallops	-	-	-	-	N/A	N/A
Winkles	4	4	67	47	N/A	N/A
Lobsters	•	1	•	1	N/A	0.0
Shrimp	-	-	125	305	N/A	N/A
Snow Crabs	•	•	3	7	N/A	N/A
Other mollusc and crustacean	-	-	-	-	N/A	N/A
Total mollusc and crustacean	**4**	**5**	**196**	**360**	**N/A**	**N/A**
Other items	-	-	-	-	N/A	N/A
Total	**4,292**	**2,454**	**4,951**	**4,400**	**15.4**	**79.3**

TABLE 42

LANDINGS IN DISTRICT 07

SAINT-HÉLIER TO PETITE RIVIERE-AU-RENARD

(Quantity in rounded metric tons, live weight)

(Value in thousands of dollars)

	1986		1987		Var. in %	
SPECIES	Quantity	Value	Quantity	Value	Quantity	Value
Cod	327	203	113	96	-65.4	-52.7
Haddock	-	-	•	•	N/A	N/A
Redfish	4	1	1	•	-75.0	N/A
Atlantic Halibut	2	7	1	2	-50.0	-71.4
American Plaice	10	5	8	5	-20.0	0.0
Greysole	-	-	-	-	N/A	N/A
Winter Flounder	-	-	-	-	N/A	N/A
Unspecified Flounders	-	-	-	-	N/A	N/A
Greenland Halibut	8	4	28	29	250.0	N/A
White Hake	10	2	4	1	-60.0	-50.0
Catfish	•	•	•	•	N/A	N/A
Other groundfish	•	•	5	2	N/A	N/A
Total groundfish	**361**	**222**	**161**	**137**	**-55.4**	**-38.3**
Herring	3	1	8	2	166.7	100.0
Mackerel	-	-	2	1	N/A	N/A
Tuna, Bluefin	-	-	-	-	N/A	N/A
Eels	-	-	-	-	N/A	N/A
Salmon	-	-	-	-	N/A	N/A
Smelts	-	-	-	-	N/A	N/A
Capelin	-	-	-	-	N/A	N/A
Other pelagic and estuarian species	-	-	-	-	N/A	N/A
Total pelagic and estuarian species	**3**	**1**	**10**	**3**	**233.3**	**200.0**
Soft Shell Clams	-	-	-	-	N/A	N/A
Quahaugs Clams	-	-	-	-	N/A	N/A
Mussels	-	-	-	-	N/A	N/A
Scallops	-	-	-	-	N/A	N/A
Winkles	-	-	-	-	N/A	N/A
Lobsters	2	15	2	14	0.0	-6.7
Shrimp	-	-	-	-	N/A	N/A
Snow Crabs	-	-	•	1	N/A	N/A
Other mollusc and crustacean	-	-	-	-	N/A	N/A
Total mollusc and crustacean	**2**	**15**	**2**	**15**	**0.0**	**0.0**
Other items	-	-	-	-	N/A	N/A
Total	**366**	**238**	**173**	**154**	**-52.7**	**-35.3**

TABLE 43

LANDINGS IN DISTRICT 08

PETITE RIVIERE-AU-RENARD TO CAP DES ROSIERS

(Quantity in rounded metric tons, live weight)

(Value in thousands of dollars)

SPECIES	1986 Quantity	1986 Value	1987 Quantity	1987 Value	Var. in % Quantity	Var. in % Value
Cod	8,629	4,497	7,999	5,832	-7.3	29.7
Haddock	3	1	•	•	N/A	N/A
Redfish	342	113	1,019	473	198.0	318.6
Atlantic Halibut	42	110	44	100	4.8	-9.1
American Plaice	919	495	846	495	-7.9	0.0
Greysole	2	1	•	•	N/A	N/A
Winter Flounder	1	•	-	-	N/A	N/A
Unspecified Flounders	-	-	-	-	N/A	N/A
Greenland Halibut	384	224	1,278	1,550	232.8	N/A
White Hake	15	3	54	19	260.0	N/A
Catfish	9	2	23	10	155.6	400.0
Other groundfish	3	1	27	14	N/A	N/A
Total groundfish	**10,349**	**5,447**	**11,290**	**8,645**	**9.1**	**58.7**
Herring	9	3	11	4	22.2	33.3
Mackerel	3	1	6	2	100.0	100.0
Tuna, Bluefin	-	-	-	-	N/A	N/A
Eels	-	-	-	-	N/A	N/A
Salmon	-	-	-	-	N/A	N/A
Smelts	-	-	-	-	N/A	N/A
Capelin	-	-	-	-	N/A	N/A
Other pelagic and estuarian species	-	-	-	-	N/A	N/A
Total pelagic and estuarian species	**12**	**4**	**17**	**6**	**41.7**	**50.0**
Soft Shell Clams	-	-	-	-	N/A	N/A
Quahaugs Clams	-	-	-	-	N/A	N/A
Mussels	-	-	-	-	N/A	N/A
Scallops	-	-	-	-	N/A	N/A
Winkles	-	-	-	-	N/A	N/A
Lobsters	6	38	9	56	50.0	47.4
Shrimp	3,099	5,271	3,830	9,154	23.6	73.7
Snow Crabs	•	•	1	3	N/A	N/A
Other mollusc and crustacean	-	-	-	-	N/A	N/A
Total mollusc and crustacean	**3,106**	**5,309**	**3,839**	**9,213**	**23.6**	**73.5**
Other items	-	-	-	-	N/A	N/A
Total	**13,467**	**10,761**	**15,146**	**17,863**	**12.5**	**66.0**

TABLE 44

LANDINGS IN DISTRICT 09

CAP GASPÉ TO POINTE SAINT-PIERRE

(Quantity in rounded metric tons, live weight)

(Value in thousands of dollars)

SPECIES	1986 Quantity	 Value	1987 Quantity	 Value	Var. in % Quantity	 Value
Cod	349	189	223	175	-36.1	-7.4
Haddock	-	-	•	•	N/A	N/A
Redfish	1	•	3	1	200.0	N/A
Atlantic Halibut	1	3	1	2	0.0	-33.3
American Plaice	13	6	9	7	-30.8	16.7
Greysole	-	-	-	-	N/A	N/A
Winter Flounder	-	-	-	-	N/A	N/A
Unspecified Flounders	-	-	-	-	N/A	N/A
Greenland Halibut	2	1	8	9	300.0	N/A
White Hake	9	2	7	3	-22.2	50.0
Catfish	-	-	•	•	N/A	N/A
Other groundfish	1	•	1	1	0.0	N/A
Total groundfish	**376**	**201**	**253**	**198**	**-32.7**	**-1.5**
Herring	42	10	8	3	-81.0	-70.0
Mackerel	71	16	71	17	0.0	6.3
Tuna, Bluefin	-	-	-	-	N/A	N/A
Eels	-	-	-	-	N/A	N/A
Salmon	•	2	-	-	N/A	N/A
Smelts	-	-	-	-	N/A	N/A
Capelin	-	-	-	-	N/A	N/A
Other pelagic and estuarian species	-	-	-	-	N/A	N/A
Total pelagic and estuarian species	**113**	**28**	**79**	**20**	**-30.1**	**-28.6**
Soft Shell Clams	-	-	-	-	N/A	N/A
Quahaugs Clams	-	-	-	-	N/A	N/A
Mussels	-	-	-	-	N/A	N/A
Scallops	3	5	16	28	433.3	460.0
Winkles	-	-	-	-	N/A	N/A
Lobsters	77	485	81	565	5.2	16.5
Shrimp	-	-	-	-	N/A	N/A
Snow Crabs	-	-	-	-	N/A	N/A
Other mollusc and crustacean	-	-	-	-	N/A	N/A
Total mollusc and crustacean	**80**	**490**	**97**	**593**	**21.3**	**21.0**
Other items	-	-	-	-	N/A	N/A
Total	**569**	**720**	**430**	**811**	**-24.4**	**12.6**

TABLE 45

LANDINGS IN DISTRICT 10

POINTE SAINT-PIERRE TO BRECHE À MANON

(Quantity in rounded metric tons, live weight)

(Value in thousands of dollars)

SPECIES	1986 Quantity	1986 Value	1987 Quantity	1987 Value	Var. in % Quantity	Var. in % Value
Cod	2,354	1,227	2,375	1,733	0.9	41.2
Haddock	1	1	•	•	N/A	N/A
Redfish	1	•	7	3	N/A	N/A
Atlantic Halibut	63	148	12	28	-81.0	-81.1
American Plaice	114	60	450	277	294.7	361.7
Greysole	14	12	3	2	-78.6	-83.3
Winter Flounder	3	1	1	•	-66.7	N/A
Unspecified Flounders	-	-	-	-	N/A	N/A
Greenland Halibut	2	2	165	224	N/A	N/A
White Hake	66	15	54	22	-18.2	46.7
Catfish	20	4	5	2	-75.0	-50.0
Other groundfish	•	•	-	-	N/A	N/A
Total groundfish	**2,639**	**1,471**	**3,071**	**2,290**	**16.4**	**55.7**
Herring	54	38	49	15	-9.3	-60.5
Mackerel	2	1	35	8	N/A	N/A
Tuna, Bluefin	-	-	-	-	N/A	N/A
Eels	-	-	-	-	N/A	N/A
Salmon	•	2	-	-	N/A	N/A
Smelts	1	1	-	-	N/A	N/A
Capelin	-	-	-	-	N/A	N/A
Other pelagic and estuarian species	3	2	1	•	-66.7	N/A
Total pelagic and estuarian species	**60**	**43**	**85**	**24**	**41.7**	**-44.2**
Soft Shell Clams	-	-	-	-	N/A	N/A
Quahaugs Clams	-	-	-	-	N/A	N/A
Mussels	-	-	-	-	N/A	N/A
Scallops	9	13	5	9	-44.4	-30.8
Winkles	-	-	-	-	N/A	N/A
Lobsters	163	1,022	180	1,194	10.4	16.8
Shrimp	-	-	-	-	N/A	N/A
Snow Crabs	2,472	4,349	1,843	5,863	-25.4	34.8
Other mollusc and crustacean	•	•	-	-	N/A	N/A
Total mollusc and crustacean	**2,645**	**5,384**	**2,027**	**7,066**	**-23.4**	**31.2**
Other items	-	-	-	-	N/A	N/A
Total	**5,344**	**6,898**	**5,183**	**9,380**	**-3.0**	**36.0**

TABLE 46

LANDINGS IN DISTRICT 11

BRECHE À MANON TO POINTE MAQUEREAU

(Quantity in rounded metric tons, live weight)

(Value in thousands of dollars)

SPECIES	1986 Quantity	1986 Value	1987 Quantity	1987 Value	Var. in % Quantity	Var. in % Value
Cod	8,830	3,995	6,475	4,584	-26.7	14.7
Haddock	5	2	2	1	-60.0	-50.0
Redfish	-	-	22	7	N/A	N/A
Atlantic Halibut	14	31	8	23	-42.9	-25.8
American Plaice	469	237	391	258	-16.6	8.9
Greysole	20	20	-	-	N/A	N/A
Winter Flounder	22	10	6	5	-72.7	-50.0
Unspecified Flounders	-	-	-	-	N/A	N/A
Greenland Halibut	5	3	4	5	-20.0	66.7
White Hake	214	45	185	84	-13.6	86.7
Catfish	22	5	18	5	-18.2	0.0
Other groundfish	-	-	1	•	N/A	N/A
Total groundfish	**9,601**	**4,348**	**7,112**	**4,972**	**-25.9**	**14.4**
Herring	1,457	366	2,532	663	73.8	81.1
Mackerel	13	4	51	13	292.3	225.0
Tuna, Bluefin	1	2	-	-	N/A	N/A
Eels	-	-	-	-	N/A	N/A
Salmon	•	4	-	-	N/A	N/A
Smelts	•	1	-	-	N/A	N/A
Capelin	-	-	-	-	N/A	N/A
Other pelagic and estuarian species	•	•	1	•	N/A	N/A
Total pelagic and estuarian species	**1,472**	**377**	**2,584**	**676**	**75.5**	**79.3**
Soft Shell Clams	-	-	-	-	N/A	N/A
Quahaugs Clams	-	-	-	-	N/A	N/A
Mussels	-	-	-	-	N/A	N/A
Scallops	9	14	-	-	N/A	N/A
Winkles	-	-	-	-	N/A	N/A
Lobsters	115	711	131	875	13.9	23.1
Shrimp	-	-	-	-	N/A	N/A
Snow Crabs	3,444	6,037	1,798	5,927	-47.8	-1.8
Other mollusc and crustacean	-	-	-	-	N/A	N/A
Total mollusc and crustacean	**3,568**	**6,762**	**1,929**	**6,802**	**-45.9**	**0.6**
Other items	-	-	-	-	N/A	N/A
Total	**14,641**	**11,486**	**11,625**	**12,451**	**-20.6**	**8.4**

TABLE 47

LANDINGS IN DISTRICT 12

POINTE MAQUEREAU TO NEW CARLISLE

(Quantity in rounded metric tons, live weight)

(Value in thousands of dollars)

SPECIES	1986 Quantity	1986 Value	1987 Quantity	1987 Value	Var. in % Quantity	Var. in % Value
Cod	396	197	1,157	829	192.2	320.8
Haddock	3	3	2	3	-33.3	0.0
Redfish	3	1	27	13	N/A	N/A
Atlantic Halibut	2	6	6	16	200.0	166.7
American Plaice	170	94	239	209	40.6	122.3
Greysole	32	29	153	182	378.1	N/A
Winter Flounder	79	52	62	47	-21.5	-9.6
Unspecified Flounders	-	-	-	-	N/A	N/A
Greenland Halibut	1	1	15	14	N/A	N/A
White Hake	18	4	29	13	61.1	225.0
Catfish	•	•	•	•	N/A	N/A
Other groundfish	38	25	12	5	-68.4	-80.0
Total groundfish	**742**	**412**	**1,702**	**1,330**	**129.4**	**222.8**
Herring	713	137	769	194	7.9	41.6
Mackerel	306	75	327	87	6.9	16.0
Tuna, Bluefin	1	3	•	1	N/A	-66.7
Eels	-	-	3	13	N/A	N/A
Salmon	•	1	13	112	N/A	N/A
Smelts	4	5	2	1	-50.0	-80.0
Capelin	•	1	-	-	N/A	N/A
Other pelagic and estuarian species	•	•	-	-	N/A	N/A
Total pelagic and estuarian species	**1,024**	**223**	**1,114**	**410**	**8.8**	**83.9**
Soft Shell Clams	•	1	-	-	N/A	N/A
Quahaugs Clams	1	•	-	-	N/A	N/A
Mussels	-	-	-	-	N/A	N/A
Scallops	59	82	60	96	1.7	17.1
Winkles	•	•	-	-	N/A	N/A
Lobsters	166	983	186	1,247	12.0	26.9
Shrimp	-	-	-	-	N/A	N/A
Snow Crabs	1,980	3,472	425	1,420	-78.5	-59.1
Other mollusc and crustacean	-	-	12	3	N/A	N/A
Total mollusc and crustacean	**2,206**	**4,538**	**683**	**2,766**	**-69.0**	**-39.0**
Other items	-	-	-	-	N/A	N/A
Total	**3,972**	**5,173**	**3,498**	**4,506**	**-11.9**	**-12.9**

TABLE 48

LANDINGS IN DISTRICT 13

NEW CARLISLE TO GRANDE CASCAPÉDIA RIVER

(Quantity in rounded metric tons, live weight)

(Value in thousands of dollars)

SPECIES	1986 Quantity	Value	1987 Quantity	Value	Var. in % Quantity	Value
Cod	65	42	32	39	-50.8	-7.1
Haddock	-	-	-	-	N/A	N/A
Redfish	-	-	-	-	N/A	N/A
Atlantic Halibut	•	•	•	1	N/A	N/A
American Plaice	20	13	15	19	-25.0	46.2
Greysole	-	-	•	•	N/A	N/A
Winter Flounder	3	4	14	8	366.7	100.0
Unspecified Flounders	-	-	-	-	N/A	N/A
Greenland Halibut	•	•	-	-	N/A	N/A
White Hake	6	2	2	1	-66.7	-50.0
Catfish	•	•	-	-	N/A	N/A
Other groundfish	2	1	1	•	-50.0	N/A
Total groundfish	**96**	**62**	**65**	**70**	**-32.3**	**12.9**
Herring	9	2	25	5	177.8	150.0
Mackerel	12	5	3	2	-75.0	-60.0
Tuna, Bluefin	-	-	-	-	N/A	N/A
Eels	-	-	-	-	N/A	N/A
Salmon	-	-	•	•	N/A	N/A
Smelts	-	-	2	5	N/A	N/A
Capelin	•	•	•	•	N/A	N/A
Other pelagic and estuarian species	•	•	•	1	N/A	N/A
Total pelagic and estuarian species	**22**	**7**	**30**	**14**	**36.4**	**100.0**
Soft Shell Clams	9	19	48	106	433.3	457.9
Quahaugs Clams	-	-	-	-	N/A	N/A
Mussels	•	•	-	-	N/A	N/A
Scallops	21	29	4	7	-81.0	-75.9
Winkles	-	-	-	-	N/A	N/A
Lobsters	13	76	14	97	7.7	27.6
Shrimp	-	-	-	-	N/A	N/A
Snow Crabs	-	-	-	-	N/A	N/A
Other mollusc and crustacean	-	-	-	-	N/A	N/A
Total mollusc and crustacean	**43**	**125**	**65**	**210**	**51.2**	**68.0**
Other items	•	•	-	-	N/A	N/A
Total	**161**	**194**	**161**	**294**	**0.0**	**51.5**

TABLE 49

LANDINGS IN DISTRICT 14

GRANDE CASCAPÉDIA RIVER TO POINTE MIGUASHA

(Quantity in rounded metric tons, live weight)

(Value in thousands of dollars)

SPECIES	1986 Quantity	1986 Value	1987 Quantity	1987 Value	Var. in % Quantity	Var. in % Value
Cod	18	12	17	16	-5.6	33.3
Haddock	-	-	-	-	N/A	N/A
Redfish	-	-	-	-	N/A	N/A
Atlantic Halibut	-	-	-	-	N/A	N/A
American Plaice	37	20	60	61	62.2	205.0
Greysole	1	1	•	•	N/A	N/A
Winter Flounder	17	8	36	20	111.8	150.0
Unspecified Flounders	-	-	-	-	N/A	N/A
Greenland Halibut	-	-	-	-	N/A	N/A
White Hake	1	•	1	•	0.0	N/A
Catfish	-	-	-	-	N/A	N/A
Other groundfish	2	2	2	1	0.0	-50.0
Total groundfish	**76**	**43**	**116**	**98**	**52.6**	**127.9**
Herring	102	27	154	29	51.0	7.4
Mackerel	28	7	8	2	-71.4	-71.4
Tuna, Bluefin	-	-	-	-	N/A	N/A
Eels	-	-	-	-	N/A	N/A
Salmon	-	-	-	-	N/A	N/A
Smelts	2	2	•	•	N/A	N/A
Capelin	-	-	-	-	N/A	N/A
Other pelagic and estuarian species	-	-	-	-	N/A	N/A
Total pelagic and estuarian species	**132**	**36**	**162**	**32**	**22.7**	**-11.1**
Soft Shell Clams	17	37	60	132	252.9	256.8
Quahaugs Clams	-	-	-	-	N/A	N/A
Mussels	•	•	•	•	N/A	N/A
Scallops	-	-	-	-	N/A	N/A
Winkles	-	-	-	-	N/A	N/A
Lobsters	14	81	14	88	0.0	8.6
Shrimp	-	-	-	-	N/A	N/A
Snow Crabs	-	-	-	-	N/A	N/A
Other mollusc and crustacean	-	-	-	-	N/A	N/A
Total mollusc and crustacean	**32**	**118**	**73**	**220**	**128.1**	**86.4**
Other items	-	-	-	-	N/A	N/A
Total	**240**	**197**	**350**	**350**	**45.8**	**77.7**

TABLE 50

LANDINGS IN DISTRICT 15

POINTE MIGUASHA TO RESTIGOUCHE RIVER

(Quantity in rounded metric tons, live weight)

(Value in thousands of dollars)

SPECIES	1986 Quantity	1986 Value	1987 Quantity	1987 Value	Var. in % Quantity	Var. in % Value
Cod	-	-	-	-	N/A	N/A
Haddock	-	-	-	-	N/A	N/A
Redfish	-	-	-	-	N/A	N/A
Atlantic Halibut	-	-	-	-	N/A	N/A
American Plaice	•	1	-	-	N/A	N/A
Greysole	-	-	-	-	N/A	N/A
Winter Flounder	-	-	-	-	N/A	N/A
Unspecified Flounders	-	-	-	-	N/A	N/A
Greenland Halibut	-	-	-	-	N/A	N/A
White Hake	-	-	-	-	N/A	N/A
Catfish	-	-	-	-	N/A	N/A
Other groundfish	•	•	-	-	N/A	N/A
Total groundfish	**•**	**1**	**-**	**-**	**N/A**	**N/A**
Herring	-	-	•	•	N/A	N/A
Mackerel	-	-	-	-	N/A	N/A
Tuna, Bluefin	-	-	-	-	N/A	N/A
Eels	-	-	-	-	N/A	N/A
Salmon	-	-	-	-	N/A	N/A
Smelts	15	4	5	13	-66.7	225.0
Capelin	-	-	-	-	N/A	N/A
Other pelagic and estuarian species	-	-	-	-	N/A	N/A
Total pelagic and estuarian species	**15**	**4**	**5**	**13**	**-66.7**	**225.0**
Soft Shell Clams	15	34	57	125	280.0	267.6
Quahaugs Clams	-	-	-	-	N/A	N/A
Mussels	1	1	1	1	0.0	0.0
Scallops	-	-	-	-	N/A	N/A
Winkles	-	-	-	-	N/A	N/A
Lobsters	-	-	•	2	N/A	N/A
Shrimp	-	-	-	-	N/A	N/A
Snow Crabs	-	-	-	-	N/A	N/A
Other mollusc and crustacean	-	-	-	-	N/A	N/A
Total mollusc and crustacean	**16**	**35**	**58**	**127**	**262.5**	**262.9**
Other items	-	-	-	-	N/A	N/A
Total	**31**	**40**	**62**	**141**	**100.0**	**252.5**

TABLE 51

LANDINGS IN DISTRICT 16

CAP TOURMENTE TO THE SAGUENAY RIVER

(Quantity in rounded metric tons, live weight)

(Value in thousands of dollars)

SPECIES	1986		1987		Var. in %	
	Quantity	Value	Quantity	Value	Quantity	Value
Cod	-	-	-	-	N/A	N/A
Haddock	-	-	-	-	N/A	N/A
Redfish	-	-	-	-	N/A	N/A
Atlantic Halibut	-	-	-	-	N/A	N/A
American Plaice	-	-	-	-	N/A	N/A
Greysole	-	-	-	-	N/A	N/A
Winter Flounder	-	-	-	-	N/A	N/A
Unspecified Flounders	-	-	-	-	N/A	N/A
Greenland Halibut	-	-	-	-	N/A	N/A
White Hake	-	-	-	-	N/A	N/A
Catfish	-	-	-	-	N/A	N/A
Other groundfish	5	2	-	-	N/A	N/A
Total groundfish	**5**	**2**	**-**	**-**	**N/A**	**N/A**
Herring	-	-	-	-	N/A	N/A
Mackerel	-	-	-	-	N/A	N/A
Tuna, Bluefin	-	-	-	-	N/A	N/A
Eels	3	14	4	18	33.3	28.6
Salmon	-	-	-	-	N/A	N/A
Smelts	27	29	11	24	-59.3	-17.2
Capelin	223	45	44	37	-80.3	-17.8
Other pelagic and estuarian species	-	-	-	-	N/A	N/A
Total pelagic and estuarian species	**253**	**88**	**59**	**79**	**-76.7**	**-10.2**
Soft Shell Clams	-	-	-	-	N/A	N/A
Quahaugs Clams	-	-	-	-	N/A	N/A
Mussels	-	-	-	-	N/A	N/A
Scallops	-	-	-	-	N/A	N/A
Winkles	-	-	-	-	N/A	N/A
Lobsters	-	-	-	-	N/A	N/A
Shrimp	-	-	-	-	N/A	N/A
Snow Crabs	-	-	-	-	N/A	N/A
Other mollusc and crustacean	-	-	-	-	N/A	N/A
Total mollusc and crustacean	**-**	**-**	**-**	**-**	**N/A**	**N/A**
Other items	-	-	-	-	N/A	N/A
Total	**258**	**90**	**59**	**79**	**-77.1**	**-12.2**

TABLE 52

LANDINGS IN DISTRICT 17

SAGUENAY RIVER TO BERSIMIS

(Quantity in rounded metric tons, live weight)

(Value in thousands of dollars)

SPECIES	1986 Quantity	1986 Value	1987 Quantity	1987 Value	Var. in % Quantity	Var. in % Value
Cod	47	27	17	15	-63.8	-44.4
Haddock	-	-	-	-	N/A	N/A
Redfish	1	•	24	10	N/A	N/A
Atlantic Halibut	3	10	2	7	-33.3	-30.0
American Plaice	3	2	1	1	-66.7	-50.0
Greysole	-	-	-	-	N/A	N/A
Winter Flounder	-	-	-	-	N/A	N/A
Unspecified Flounders	-	-	-	-	N/A	N/A
Greenland Halibut	190	171	366	506	92.6	195.9
White Hake	-	-	-	-	N/A	N/A
Catfish	-	-	-	-	N/A	N/A
Other groundfish	-	-	2	3	N/A	N/A
Total groundfish	**244**	**210**	**411**	**541**	**68.4**	**157.6**
Herring	60	20	24	8	-60.0	-60.0
Mackerel	1	•	-	•	N/A	N/A
Tuna, Bluefin	-	-	-	-	N/A	N/A
Eels	-	-	1	2	N/A	N/A
Salmon	-	-	-	-	N/A	N/A
Smelts	-	-	-	-	N/A	N/A
Capelin	-	-	-	-	N/A	N/A
Other pelagic and estuarian species	-	-	-	-	N/A	N/A
Total pelagic and estuarian species	**61**	**20**	**25**	**10**	**-59.0**	**-50.0**
Soft Shell Clams	691	453	280	193	-59.5	-57.4
Quahaugs Clams	3	2	-	-	N/A	N/A
Mussels	-	-	-	-	N/A	N/A
Scallops	-	-	4	6	N/A	N/A
Winkles	85	28	72	36	-15.3	28.6
Lobsters	2	9	-	-	N/A	N/A
Shrimp	-	-	-	-	N/A	N/A
Snow Crabs	204	350	291	938	42.6	168.0
Other mollusc and crustacean	•	•	•	1	N/A	N/A
Total mollusc and crustacean	**985**	**842**	**647**	**1,174**	**-34.3**	**39.4**
Other items	•	•	-	-	N/A	N/A
Total	**1,290**	**1,072**	**1,083**	**1,725**	**-16.0**	**60.9**

TABLE 53

LANDINGS IN DISTRICT 18

BERSIMIS TO STE-MARGUERITE RIVER

(Quantity in rounded metric tons, live weight)

(Value in thousands of dollars)

SPECIES	1986		1987		Var. in %	
	Quantity	Value	Quantity	Value	Quantity	Value
Cod	446	236	274	221	-38.6	-6.4
Haddock	-	-	-	-	N/A	N/A
Redfish	4	2	4	2	0.0	0.0
Atlantic Halibut	4	11	3	13	-25.0	18.2
American Plaice	19	10	7	6	-63.2	-40.0
Greysole	-	-	-	-	N/A	N/A
Winter Flounder	-	-	-	-	N/A	N/A
Unspecified Flounders	-	-	-	-	N/A	N/A
Greenland Halibut	96	68	197	292	105.2	329.4
White Hake	3	1	4	1	33.3	0.0
Catfish	-	-	-	-	N/A	N/A
Other groundfish	•	•	1	1	N/A	N/A
Total groundfish	**572**	**328**	**490**	**535**	**-14.3**	**63.1**
Herring	162	52	214	66	32.1	26.9
Mackerel	5	1	-	-	N/A	N/A
Tuna, Bluefin	-	-	-	-	N/A	N/A
Eels	-	-	-	-	N/A	N/A
Salmon	15	147	14	135	-6.7	-8.2
Smelts	-	-	-	-	N/A	N/A
Capelin	-	-	-	-	N/A	N/A
Other pelagic and estuarian species	•	•	2	4	N/A	N/A
Total pelagic and estuarian species	**182**	**200**	**230**	**206**	**26.4**	**3.0**
Soft Shell Clams	66	44	1	•	-98.5	N/A
Quahaugs Clams	-	-	-	-	N/A	N/A
Mussels	•	•	•	•	N/A	N/A
Scallops	93	127	84	126	-9.7	-0.8
Winkles	78	26	124	44	59.0	69.2
Lobsters	-	-	•	1	N/A	N/A
Shrimp	26	50	9	23	-65.4	-54.0
Snow Crabs	336	579	448	1,188	33.3	105.2
Other mollusc and crustacean	-	-	2	3	N/A	N/A
Total mollusc and crustacean	**599**	**826**	**668**	**1,386**	**11.5**	**67.8**
Other items	-	-	-	-	N/A	N/A
Total	**1,353**	**1,355**	**1,387**	**2,126**	**2.5**	**56.9**

TABLE 54

LANDINGS IN DISTRICT 19

STE-MARGUERITE RIVER TO RIVIERE PIGOU

(Quantity in rounded metric tons, live weight)

(Value in thousands of dollars)

SPECIES	1986 Quantity	1986 Value	1987 Quantity	1987 Value	Var. in % Quantity	Var. in % Value
Cod	1,469	810	1,546	1,207	5.2	49.0
Haddock	2	1	1	•	-50.0	N/A
Redfish	87	33	191	80	119.5	142.4
Atlantic Halibut	16	49	7	24	-56.3	-51.0
American Plaice	182	118	242	185	33.0	56.8
Greysole	-	-	10	11	N/A	N/A
Winter Flounder	-	-	5	2	N/A	N/A
Unspecified Flounders	-	-	-	-	N/A	N/A
Greenland Halibut	568	440	1,102	1,470	94.0	234.1
White Hake	3	1	21	7	N/A	N/A
Catfish	-	-	-	-	N/A	N/A
Other groundfish	4	2	7	5	75.0	150.0
Total groundfish	**2,332**	**1,454**	**3,131**	**2,990**	**34.3**	**105.6**
Herring	75	19	354	96	372.0	405.3
Mackerel	6	2	4	1	-33.3	-50.0
Tuna, Bluefin	-	-	-	-	N/A	N/A
Eels	-	-	-	-	N/A	N/A
Salmon	12	91	9	69	-25.0	-24.2
Smelts	-	-	-	-	N/A	N/A
Capelin	-	-	•	•	N/A	N/A
Other pelagic and estuarian species	-	-	•	•	N/A	N/A
Total pelagic and estuarian species	**93**	**112**	**367**	**166**	**294.6**	**48.2**
Soft Shell Clams	-	-	-	-	N/A	N/A
Quahaugs Clams	-	-	-	-	N/A	N/A
Mussels	-	-	-	-	N/A	N/A
Scallops	124	170	48	71	-61.3	-58.2
Winkles	60	21	200	89	233.3	323.8
Lobsters	-	-	1	5	N/A	N/A
Shrimp	561	953	1,367	3,140	143.7	229.5
Snow Crabs	197	355	264	910	34.0	156.3
Other mollusc and crustacean	-	-	-	-	N/A	N/A
Total mollusc and crustacean	**942**	**1,499**	**1,879**	**4,215**	**99.5**	**181.2**
Other items	-	-	-	-	N/A	N/A
Total	**3,367**	**3,065**	**5,377**	**7,372**	**59.7**	**140.5**

TABLE 55

LANDINGS IN DISTRICT 20

RIVIERE PIGOU TO HAVRE ST-PIERRE

(Quantity in rounded metric tons, live weight)

(Value in thousands of dollars)

SPECIES	1986		1987		Var. in %	
	Quantity	Value	Quantity	Value	Quantity	Value
Cod	392	187	254	180	-35.2	-3.7
Haddock	-	-	-	-	N/A	N/A
Redfish	11	6	5	2	-54.5	-66.7
Atlantic Halibut	1	3	1	4	0.0	33.3
American Plaice	10	6	16	12	60.0	100.0
Greysole	-	-	-	-	N/A	N/A
Winter Flounder	-	-	-	-	N/A	N/A
Unspecified Flounders	-	-	-	-	N/A	N/A
Greenland Halibut	36	21	52	49	44.4	133.3
White Hake	-	-	•	-	N/A	N/A
Catfish	-	-	-	-	N/A	N/A
Other groundfish	-	-	-	-	N/A	N/A
Total groundfish	**450**	**223**	**329**	**247**	**-26.9**	**10.8**
Herring	6	2	-	-	N/A	N/A
Mackerel	1	•	-	-	N/A	N/A
Tuna, Bluefin	-	-	-	-	N/A	N/A
Eels	-	-	-	-	N/A	N/A
Salmon	6	42	10	93	66.7	121.4
Smelts	-	-	-	-	N/A	N/A
Capelin	-	-	-	-	N/A	N/A
Other pelagic and estuarian species	-	-	-	-	N/A	N/A
Total pelagic and estuarian species	**13**	**44**	**10**	**93**	**-23.1**	**111.4**
Soft Shell Clams	-	-	-	-	N/A	N/A
Quahaugs Clams	-	-	-	-	N/A	N/A
Mussels	-	-	-	-	N/A	N/A
Scallops	30	43	545	867	N/A	N/A
Winkles	373	99	761	278	104.0	180.8
Lobsters	9	61	•	3	N/A	-95.1
Shrimp	378	612	201	471	-46.8	-23.0
Snow Crabs	661	1,249	371	1,281	-43.9	2.6
Other mollusc and crustacean	-	-	-	-	N/A	N/A
Total mollusc and crustacean	**1,451**	**2,064**	**1,878**	**2,900**	**29.4**	**40.5**
Other items	1	•	-	-	N/A	N/A
Total	**1,915**	**2,331**	**2,217**	**3,239**	**15.8**	**39.0**

TABLE 56

LANDINGS IN DISTRICT 21

HAVRE ST-PIERRE TO RIVIERE KÉGASKA

(Quantity in rounded metric tons, live weight)

(Value in thousands of dollars)

SPECIES	1986 Quantity	1986 Value	1987 Quantity	1987 Value	Var. in % Quantity	Var. in % Value
Cod	413	191	34	26	-91.8	-86.4
Haddock	-	-	-	-	N/A	N/A
Redfish	10	4	33	33	230.0	N/A
Atlantic Halibut	13	40	2	8	-84.6	-80.0
American Plaice	8	4	3	3	-62.5	-25.0
Greysole	-	-	-	-	N/A	N/A
Winter Flounder	-	-	-	-	N/A	N/A
Unspecified Flounders	-	-	-	-	N/A	N/A
Greenland Halibut	12	11	5	5	-58.3	-54.5
White Hake	•	•	-	-	N/A	N/A
Catfish	-	-	-	-	N/A	N/A
Other groundfish	-	-	-	-	N/A	N/A
Total groundfish	**456**	**250**	**75**	**74**	**-83.6**	**-70.4**
Herring	-	-	1	•	N/A	N/A
Mackerel	1	•	-	-	N/A	N/A
Tuna, Bluefin	-	-	-	-	N/A	N/A
Eels	-	-	-	-	N/A	N/A
Salmon	13	91	14	118	7.7	29.7
Smelts	-	-	-	-	N/A	N/A
Capelin	-	-	-	-	N/A	N/A
Other pelagic and estuarian species	-	-	-	-	N/A	N/A
Total pelagic and estuarian species	**14**	**91**	**15**	**118**	**7.1**	**29.7**
Soft Shell Clams	-	-	-	-	N/A	N/A
Quahaugs Clams	-	-	-	-	N/A	N/A
Mussels	-	-	-	-	N/A	N/A
Scallops	334	469	867	1,367	159.6	191.5
Winkles	33	9	63	24	90.9	166.7
Lobsters	58	365	72	499	24.1	36.7
Shrimp	99	174	54	137	-45.5	-21.3
Snow Crabs	1,239	2,262	1,130	3,826	-8.8	69.1
Other mollusc and crustacean	-	-	-	-	N/A	N/A
Total mollusc and crustacean	**1,763**	**3,279**	**2,185**	**5,853**	**23.9**	**78.5**
Other items	-	-	-	-	N/A	N/A
Total	**2,233**	**3,620**	**2,275**	**6,045**	**1.9**	**67.0**

TABLE 57

LANDINGS IN DISTRICT 22

RIVIERE KÉGASKA TO BAIE DES MOUTONS

(Quantity in rounded metric tons, live weight)

(Value in thousands of dollars)

SPECIES	1986		1987		Var. in %	
	Quantity	Value	Quantity	Value	Quantity	Value
Cod	1,066	467	680	494	-36.2	5.8
Haddock	-	-	-	-	N/A	N/A
Redfish	7	3	5	2	-28.6	-33.3
Atlantic Halibut	2	5	•	1	N/A	-80.0
American Plaice	•	•	5	4	N/A	N/A
Greysole	•	•	1	1	N/A	N/A
Winter Flounder	2	•	3	2	50.0	N/A
Unspecified Flounders	-	-	-	-	N/A	N/A
Greenland Halibut	•	•	1	1	N/A	N/A
White Hake	2	•	1	•	-50.0	N/A
Catfish	5	1	3	1	-40.0	0.0
Other groundfish	6	3	4	2	-33.3	-33.3
Total groundfish	**1,090**	**480**	**703**	**507**	**-35.5**	**5.6**
Herring	190	38	750	137	294.7	260.5
Mackerel	91	27	62	11	-31.9	-59.3
Tuna, Bluefin	-	-	-	-	N/A	N/A
Eels	-	-	-	-	N/A	N/A
Salmon	5	24	4	17	-20.0	-29.2
Smelts	-	-	-	-	N/A	N/A
Capelin	-	-	-	-	N/A	N/A
Other pelagic and estuarian species	-	-	-	-	N/A	N/A
Total pelagic and estuarian species	**286**	**89**	**815**	**166**	**185.0**	**86.5**
Soft Shell Clams	-	-	-	-	N/A	N/A
Quahaugs Clams	-	-	-	-	N/A	N/A
Mussels	-	-	-	-	N/A	N/A
Scallops	67	88	53	78	-20.9	-11.4
Winkles	-	-	3	1	N/A	N/A
Lobsters	25	151	19	123	-24.0	-18.5
Shrimp	-	-	4	8	N/A	N/A
Snow Crabs	366	606	273	813	-25.4	34.2
Other mollusc and crustacean	-	-	-	-	N/A	N/A
Total mollusc and crustacean	**458**	**845**	**352**	**1,022**	**-23.1**	**20.9**
Other items	-	-	5	21	N/A	N/A
Total	**1,834**	**1,414**	**1,876**	**1,716**	**2.3**	**21.4**

TABLE 58

LANDINGS IN DISTRICT 23

BAIE DES MOUTONS TO BONNE ESPÉRANCE

(Quantity in rounded metric tons, live weight)

(Value in thousands of dollars)

	1986		1987		Var. in %	
SPECIES	**Quantity**	**Value**	**Quantity**	**Value**	**Quantity**	**Value**
Cod	1,267	575	767	593	-39.5	3.1
Haddock	-	-	-	-	N/A	N/A
Redfish	-	-	-	-	N/A	N/A
Atlantic Halibut	*	1	1	3	N/A	200.0
American Plaice	-	-	7	4	N/A	N/A
Greysole	-	-	-	-	N/A	N/A
Winter Flounder	2	*	5	3	150.0	N/A
Unspecified Flounders	-	-	-	-	N/A	N/A
Greenland Halibut	*	*	-	-	N/A	N/A
White Hake	1	*	-	-	N/A	N/A
Catfish	3	*	3	*	0.0	N/A
Other groundfish	-	-	8	3	N/A	N/A
Total groundfish	**1,273**	**577**	**791**	**607**	**-37.9**	**5.2**
Herring	92	23	59	15	-35.9	-34.8
Mackerel	20	7	17	5	-15.0	-28.6
Tuna, Bluefin	-	-	-	-	N/A	N/A
Eels	-	-	-	-	N/A	N/A
Salmon	30	141	31	164	3.3	16.3
Smelts	-	-	-	-	N/A	N/A
Capelin	-	-	-	-	N/A	N/A
Other pelagic and estuarian species	2	6	2	6	0.0	0.0
Total pelagic and estuarian species	**144**	**177**	**114**	**189**	**-20.8**	**6.8**
Soft Shell Clams	21	26	-	-	N/A	N/A
Quahaugs Clams	-	-	-	-	N/A	N/A
Mussels	-	-	-	-	N/A	N/A
Scallops	-	-	35	48	N/A	N/A
Winkles	-	-	1	*	N/A	N/A
Lobsters	30	170	23	146	-23.3	-14.1
Shrimp	-	-	-	-	N/A	N/A
Snow Crabs	1,575	2,435	1,719	4,823	9.1	98.1
Other mollusc and crustacean	-	-	-	-	N/A	N/A
Total mollusc and crustacean	**1,626**	**2,631**	**1,777**	**5,017**	**9.3**	**90.7**
Other items	15	19	66	254	340.0	N/A
Total	**3,043**	**3,404**	**2,748**	**6,068**	**-9.7**	**78.3**

TABLE 59

LANDINGS IN DISTRICT 24

BONNE ESPÉRANCE TO BLANC SABLON

(Quantity in rounded metric tons, live weight)

(Value in thousands of dollars)

SPECIES	1986 Quantity	1986 Value	1987 Quantity	1987 Value	Var. in % Quantity	Var. in % Value
Cod	947	416	865	754	-8.7	81.3
Haddock	•	•	-	-	N/A	N/A
Redfish	2	1	-	-	N/A	N/A
Atlantic Halibut	•	•	-	-	N/A	N/A
American Plaice	1	•	1	•	0.0	N/A
Greysole	-	-	-	-	N/A	N/A
Winter Flounder	•	•	2	1	N/A	N/A
Unspecified Flounders	-	-	-	-	N/A	N/A
Greenland Halibut	-	-	-	-	N/A	N/A
White Hake	-	-	-	-	N/A	N/A
Catfish	-	-	-	-	N/A	N/A
Other groundfish	-	-	4	1	N/A	N/A
Total groundfish	**951**	**418**	**872**	**757**	**-8.3**	**81.1**
Herring	133	30	45	13	-66.2	-56.7
Mackerel	54	14	18	5	-66.7	-64.3
Tuna, Bluefin	-	-	-	-	N/A	N/A
Eels	-	-	-	-	N/A	N/A
Salmon	6	28	8	38	33.3	35.7
Smelts	-	-	-	-	N/A	N/A
Capelin	-	-	-	-	N/A	N/A
Other pelagic and estuarian species	-	-	•	•	N/A	N/A
Total pelagic and estuarian species	**193**	**72**	**72**	**56**	**-62.7**	**-22.2**
Soft Shell Clams	-	-	-	-	N/A	N/A
Quahaugs Clams	-	-	-	-	N/A	N/A
Mussels	-	-	-	-	N/A	N/A
Scallops	155	133	80	74	-48.4	-44.4
Winkles	1	•	-	-	N/A	N/A
Lobsters	•	1	1	3	N/A	200.0
Shrimp	-	-	-	-	N/A	N/A
Snow Crabs	451	711	353	1,005	-21.7	41.4
Other mollusc and crustacean	-	-	-	-	N/A	N/A
Total mollusc and crustacean	**607**	**845**	**434**	**1,082**	**-28.5**	**28.0**
Other items	18	22	44	169	144.4	N/A
Total	**1,769**	**1,358**	**1,422**	**2,063**	**-19.6**	**51.9**

TABLE 60

LANDINGS IN DISTRICT 25

ANTICOSTI ISLAND

(Quantity in rounded metric tons, live weight)

(Value in thousands of dollars)

SPECIES	1986 Quantity	1986 Value	1987 Quantity	1987 Value	Var. in % Quantity	Var. in % Value
Cod	4	2	2	2	-50.0	0.0
Haddock	-	-	-	-	N/A	N/A
Redfish	-	-	4	1	N/A	N/A
Atlantic Halibut	-	-	*	*	N/A	N/A
American Plaice	-	-	-	-	N/A	N/A
Greysole	-	-	-	-	N/A	N/A
Winter Flounder	-	-	-	-	N/A	N/A
Unspecified Flounders	-	-	-	-	N/A	N/A
Greenland Halibut	-	-	2	2	N/A	N/A
White Hake	-	-	-	-	N/A	N/A
Catfish	-	-	-	-	N/A	N/A
Other groundfish	-	-	-	-	N/A	N/A
Total groundfish	**4**	**2**	**7**	**6**	**75.0**	**200.0**
Herring	-	-	-	-	N/A	N/A
Mackerel	-	-	-	-	N/A	N/A
Tuna, Bluefin	-	-	-	-	N/A	N/A
Eels	-	-	-	-	N/A	N/A
Salmon	-	-	1	6	N/A	N/A
Smelts	-	-	-	-	N/A	N/A
Capelin	-	-	-	-	N/A	N/A
Other pelagic and estuarian species	-	-	-	-	N/A	N/A
Total pelagic and estuarian species	**-**	**-**	**1**	**6**	**N/A**	**N/A**
Soft Shell Clams	-	-	-	-	N/A	N/A
Quahaugs Clams	-	-	-	-	N/A	N/A
Mussels	-	-	-	-	N/A	N/A
Scallops	-	-	-	-	N/A	N/A
Winkles	-	-	-	-	N/A	N/A
Lobsters	5	34	40	340	N/A	N/A
Shrimp	11	18	28	69	154.5	283.3
Snow Crabs	-	-	-	-	N/A	N/A
Other mollusc and crustacean	-	-	-	-	N/A	N/A
Total mollusc and crustacean	**16**	**52**	**68**	**409**	**325.0**	**N/A**
Other items	-	-	-	-	N/A	N/A
Total	**20**	**54**	**75**	**421**	**275.0**	**N/A**

TABLE 61

LANDINGS IN DISTRICT 26

MAGDALEN ISLANDS, NORTHERN DIVISION

(Quantity in rounded metric tons, live weight)

(Value in thousands of dollars)

SPECIES	1986 Quantity	1986 Value	1987 Quantity	1987 Value	Var. in % Quantity	Var. in % Value
Cod	193	122	239	207	23.8	69.7
Haddock	•	•	2	2	N/A	N/A
Redfish	-	-	-	-	N/A	N/A
Atlantic Halibut	6	20	9	34	50.0	70.0
American Plaice	199	98	98	49	-50.8	-50.0
Greysole	-	-	•	•	N/A	N/A
Winter Flounder	-	-	•	1	N/A	N/A
Unspecified Flounders	-	-	-	-	N/A	N/A
Greenland Halibut	-	-	-	-	N/A	N/A
White Hake	7	1	17	10	142.9	N/A
Catfish	-	-	-	-	N/A	N/A
Other groundfish	-	-	12	6	N/A	N/A
Total groundfish	**405**	**241**	**379**	**308**	**-6.4**	**27.8**
Herring	115	39	11	4	-90.4	-89.7
Mackerel	800	227	871	233	8.9	2.6
Tuna, Bluefin	-	-	-	-	N/A	N/A
Eels	•	•	1	1	N/A	N/A
Salmon	-	-	-	-	N/A	N/A
Smelts	1	1	1	1	0.0	0.0
Capelin	-	-	-	-	N/A	N/A
Other pelagic and estuarian species	-	-	-	-	N/A	N/A
Total pelagic and estuarian species	**916**	**267**	**884**	**240**	**-3.5**	**-10.1**
Soft Shell Clams	21	28	19	21	-9.5	-25.0
Quahaugs Clams	43	29	39	45	-9.3	55.2
Mussels	13	24	15	17	15.4	-29.2
Scallops	16	24	17	28	6.3	16.7
Winkles	5	1	-	1	N/A	0.0
Lobsters	972	5,805	1,150	7,984	18.3	37.5
Shrimp	-	-	-	-	N/A	N/A
Snow Crabs	•	•	-	-	N/A	N/A
Other mollusc and crustacean	-	-	-	-	N/A	N/A
Total mollusc and crustacean	**1,070**	**5,911**	**1,242**	**8,095**	**16.1**	**36.9**
Other items	-	-	-	-	N/A	N/A
Total	**2,391**	**6,419**	**2,504**	**8,643**	**4.7**	**34.6**

TABLE 62

LANDINGS IN DISTRICT 27

ILE DU HAVRE AUBERT TO ILE D'ENTRÉE

(Quantity in rounded metric tons, live weight)

(Value in thousands of dollars)

SPECIES	1986 Quantity	1986 Value	1987 Quantity	1987 Value	Var. in % Quantity	Var. in % Value
Cod	1,293	719	2,181	1,709	68.7	137.7
Haddock	22	18	15	15	-31.8	-16.7
Redfish	2	1	12	5	N/A	400.0
Atlantic Halibut	1	3	14	52	N/A	N/A
American Plaice	245	146	374	486	52.7	232.9
Greysole	•	•	14	15	N/A	N/A
Winter Flounder	116	65	99	59	-14.7	-9.2
Unspecified Flounders	-	-	-	-	N/A	N/A
Greenland Halibut	-	-	-	-	N/A	N/A
White Hake	76	11	242	128	218.4	N/A
Catfish	-	-	•	•	N/A	N/A
Other groundfish	6	2	107	41	N/A	N/A
Total groundfish	**1,761**	**965**	**3,059**	**2,509**	**73.7**	**160.0**
Herring	76	24	26	8	-65.8	-66.7
Mackerel	977	278	737	196	-24.6	-29.5
Tuna, Bluefin	-	-	-	-	N/A	N/A
Eels	•	•	3	5	N/A	N/A
Salmon	-	-	-	-	N/A	N/A
Smelts	1	1	2	4	100.0	300.0
Capelin	-	-	-	-	N/A	N/A
Other pelagic and estuarian species	-	-	11	3	N/A	N/A
Total pelagic and estuarian species	**1,054**	**303**	**779**	**215**	**-26.1**	**-29.0**
Soft Shell Clams	1	1	1	1	0.0	0.0
Quahaugs Clams	-	-	1	1	N/A	N/A
Mussels	1	2	6	6	N/A	200.0
Scallops	89	138	49	81	-44.9	-41.3
Winkles	6	1	1	•	-83.3	N/A
Lobsters	237	1,388	287	1,993	21.1	43.6
Shrimp	-	-	-	-	N/A	N/A
Snow Crabs	452	897	246	950	-45.6	5.9
Other mollusc and crustacean	-	-	•	•	N/A	N/A
Total mollusc and crustacean	**786**	**2,427**	**590**	**3,032**	**-24.9**	**24.9**
Other items	-	-	-	-	N/A	N/A
Total	**3,600**	**3,695**	**4,428**	**5,756**	**23.0**	**55.8**

TABLE 63

LANDINGS IN DISTRICT 28

ILE DE CAP-AUX-MEULES

(Quantity in rounded metric tons, live weight)

(Value in thousands of dollars)

SPECIES	1986 Quantity	1986 Value	1987 Quantity	1987 Value	Var. in % Quantity	Var. in % Value
Cod	1,094	491	1,179	871	7.8	77.4
Haddock	17	12	5	5	-70.6	-58.3
Redfish	9,148	2,136	13,001	3,077	42.1	44.1
Atlantic Halibut	13	35	10	35	-23.1	0.0
American Plaice	598	372	939	781	57.0	109.9
Greysole	3	1	14	14	366.7	N/A
Winter Flounder	2	1	21	12	N/A	N/A
Unspecified Flounders	-	-	-	-	N/A	N/A
Greenland Halibut	-	-	-	-	N/A	N/A
White Hake	12	2	42	22	250.0	N/A
Catfish	2	•	-	-	N/A	N/A
Other groundfish	27	7	93	40	244.4	471.4
Total groundfish	**10,917**	**3,058**	**15,303**	**4,857**	**40.2**	**58.8**
Herring	137	45	70	21	-48.9	-53.3
Mackerel	590	169	516	141	-12.5	-16.6
Tuna, Bluefin	-	-	-	-	N/A	N/A
Eels	•	•	1	4	N/A	N/A
Salmon	-	-	-	-	N/A	N/A
Smelts	1	1	1	2	0.0	100.0
Capelin	-	-	-	-	N/A	N/A
Other pelagic and estuarian species	-	-	•	•	N/A	N/A
Total pelagic and estuarian species	**728**	**216**	**589**	**167**	**-19.1**	**-22.7**
Soft Shell Clams	•	•	1	1	N/A	N/A
Quahaugs Clams	21	16	-	-	N/A	N/A
Mussels	-	-	•	•	N/A	N/A
Scallops	128	195	92	157	-28.1	-19.5
Winkles	-	-	-	-	N/A	N/A
Lobsters	372	2,172	447	3,103	20.2	42.9
Shrimp	-	-	-	-	N/A	N/A
Snow Crabs	1,044	2,069	559	2,158	-46.5	4.3
Other mollusc and crustacean	-	-	1	•	N/A	N/A
Total mollusc and crustacean	**1,565**	**4,452**	**1,100**	**5,420**	**-29.7**	**21.7**
Other items	-	-	-	-	N/A	N/A
Total	**13,211**	**7,725**	**16,992**	**10,444**	**28.6**	**35.2**

TABLE 64

LANDINGS IN OTHER DISTRICTS

(Quantity in rounded metric tons, live weight)

(Value in thousands of dollars)

SPECIES	1986		1987		Var. in %	
	Quantity	Value	Quantity	Value	Quantity	Value
Cod	-	-	-	-	N/A	N/A
Haddock	-	-	-	-	N/A	N/A
Redfish	-	-	-	-	N/A	N/A
Atlantic Halibut	-	-	-	-	N/A	N/A
American Plaice	-	-	-	-	N/A	N/A
Greysole	-	-	-	-	N/A	N/A
Winter Flounder	-	-	-	-	N/A	N/A
Unspecified Flounders	-	-	-	-	N/A	N/A
Greenland Halibut	2	2	-	-	N/A	N/A
White Hake	-	-	-	-	N/A	N/A
Catfish	-	-	-	-	N/A	N/A
Other groundfish	-	-	-	-	N/A	N/A
Total groundfish	**2**	**2**	**-**	**-**	**N/A**	**N/A**
Herring	-	-	-	-	N/A	N/A
Mackerel	-	-	-	-	N/A	N/A
Tuna, Bluefin	-	-	-	-	N/A	N/A
Eels	-	-	8	37	N/A	N/A
Salmon	-	-	-	-	N/A	N/A
Smelts	-	-	-	-	N/A	N/A
Capelin	-	-	-	-	N/A	N/A
Other pelagic and estuarian species	-	-	23	50	N/A	N/A
Total pelagic and estuarian species	**-**	**-**	**31**	**87**	**N/A**	**N/A**
Soft Shell Clams	-	-	-	-	N/A	N/A
Quahaugs Clams	-	-	-	-	N/A	N/A
Mussels	-	-	-	-	N/A	N/A
Scallops	-	-	-	-	N/A	N/A
Winkles	-	-	-	-	N/A	N/A
Lobsters	-	-	-	-	N/A	N/A
Shrimp	-	-	-	-	N/A	N/A
Snow Crabs	-	-	-	-	N/A	N/A
Other mollusc and crustacean	-	-	-	-	N/A	N/A
Total mollusc and crustacean	**-**	**-**	**-**	**-**	**N/A**	**N/A**
Other items	-	-	-	-	N/A	N/A
Total	**2**	**2**	**31**	**87**	**N/A**	**N/A**

LANDINGS -

ATLANTIC COAST

TABLE 65

LANDINGS IN NEW BRUNSWICK

(Quantity in rounded metric tons, live weight)

(Value in thousands of dollars)

SPECIES	1986		1987		Var. in %	
	Quantity	Value	Quantity	Value	Quantity	Value
Cod	13,613	6,387	9,749	8,284	-28.4	29.7
Haddock	168	179	126	208	-25.0	16.2
Redfish	3,651	1,052	4,010	1,860	9.8	76.8
Atlantic Halibut	7	31	10	51	42.9	64.5
American Plaice	1,450	763	1,871	1,513	29.0	98.3
Greysole	80	102	-	-	N/A	N/A
Winter Flounder	464	233	-	-	N/A	N/A
Unspecified Flounders	16	15	-	-	N/A	N/A
Greenland Halibut	208	80	205	113	-1.4	41.3
White Hake	769	229	428	277	-44.3	21.0
Catfish	7	1	9	4	28.6	300.0
Other groundfish	2,047	929	2,370	1,706	15.8	83.6
Total groundfish	**22,480**	**10,001**	**18,778**	**14,016**	**-16.5**	**40.1**
Herring	80,161	13,684	90,716	16,741	13.2	22.3
Mackerel	2,356	451	471	72	-80.0	-84.0
Tuna, Bluefin	•	1	-	-	N/A	N/A
Eels	161	373	17	42	-89.4	-88.7
Salmon	-	-	-	-	N/A	N/A
Smelts	180	183	602	451	234.4	146.4
Capelin	-	-	-	-	N/A	N/A
Other pelagic and estuarian species	2,189	680	449	285	-79.5	-58.1
Total pelagic and estuarian species	**85,047**	**15,372**	**92,255**	**17,591**	**8.5**	**14.4**
Soft Shell Clams	3,113	3,551	-	-	N/A	N/A
Quahaugs Clams	77	132	2,257	2,390	N/A	N/A
Mussels	103	96	-	-	N/A	N/A
Scallops	2,767	4,901	2,611	9,075	-5.6	85.2
Winkles	113	107	-	-	N/A	N/A
Lobsters	6,684	32,999	4,261	27,288	-36.3	-17.3
Shrimp	1,619	2,540	3,977	6,576	145.6	158.9
Snow Crabs	14,854	23,777	7,114	23,525	-52.1	-1.1
Other mollusc and crustacean	396	341	309	356	-22.0	4.4
Total mollusc and crustacean	**29,726**	**68,444**	**20,529**	**69,210**	**-30.9**	**1.1**
Other items	171	223	...	193	N/A	-13.5
Total	**137,424**	**94,040**	**131,562**	**101,010**	**-4.3**	**7.4**

Figures in quantity and value of New-Brunswick are preliminaries.

TABLE 66

LANDINGS IN NOVA SCOTIA

(Quantity in rounded metric tons, live weight)

(Value in thousands of dollars)

SPECIES	1986		1987		Var. in %	
	Quantity	Value	Quantity	Value	Quantity	Value
Cod	140,013	83,020	128,652	119,061	-8.1	43.4
Haddock	39,033	34,991	23,186	31,439	-40.6	-10.2
Redfish	34,773	10,768	33,814	11,151	-2.8	3.6
Atlantic Halibut	2,531	12,366	1,713	9,303	-32.3	-24.8
American Plaice	6,856	4,449	13,134	14,713	91.6	230.7
Greysole	4,032	3,768	-	-	N/A	N/A
Winter Flounder	1,488	1,427	-	-	N/A	N/A
Unspecified Flounders	3,582	4,119	-	-	N/A	N/A
Greenland Halibut	111	72	2,425	40	N/A	-44.4
White Hake	12,104	5,590	15,009	11,635	24.0	108.1
Catfish	1,770	524	1,345	579	-24.0	10.5
Other groundfish	48,489	19,999	48,950	32,663	1.0	63.3
Total groundfish	**294,782**	**181,093**	**268,228**	**230,584**	**-9.0**	**27.3**
Herring	74,953	15,319	93,335	18,405	24.5	20.1
Mackerel	4,122	1,287	4,824	1,665	17.0	29.4
Tuna, Bluefin	35	113	34	240	-2.9	112.4
Eels	8	20	15	47	87.5	135.0
Salmon	-	-	-	-	N/A	N/A
Smelts	22	39	7	11	-68.2	-71.8
Capelin	-	-	-	-	N/A	N/A
Other pelagic and estuarian species	2,556	7,635	2,166	6,842	-15.3	-10.4
Total pelagic and estuarian species	**81,696**	**24,413**	**100,381**	**27,210**	**22.9**	**11.5**
Soft Shell Clams	1,889	2,687	-	-	N/A	N/A
Quahaugs Clams	8	5	1,495	2,304	N/A	N/A
Mussels	162	50	-	-	N/A	N/A
Scallops	49,111	62,674	65,965	83,758	34.3	33.6
Winkles	6	5	-	-	N/A	N/A
Lobsters	15,829	129,677	17,805	154,772	12.5	19.4
Shrimp	2,221	6,001	2,046	5,823	-7.9	-3.0
Snow Crabs	2,316	4,587	2,289	7,552	-1.2	64.6
Other mollusc and crustacean	199	141	301	195	51.3	38.3
Total mollusc and crustacean	**71,741**	**205,827**	**89,901**	**254,404**	**25.3**	**23.6**
Other items	11,789	872	...	974	N/A	11.7
Total	**460,008**	**412,205**	**458,510**	**513,172**	**-0.3**	**24.5**

Figures in quantity and value of Nova Scotia are preliminaries.

TABLE 67

LANDINGS IN NEWFOUNDLAND

(Quantity in rounded metric tons, live weight)

(Value in thousands of dollars)

SPECIES	1986 Quantity	1986 Value	1987 Quantity	1987 Value	Var. in % Quantity	Var. in % Value
Cod	271,630	100,822	279,984	171,164	3.1	69.8
Haddock	4,656	1,636	3,746	1,431	-19.5	-12.5
Redfish	22,568	4,632	21,010	6,931	-6.9	49.6
Atlantic Halibut	898	2,042	391	729	-56.5	-64.3
American Plaice	1,118	535	60,863	21,664	N/A	N/A
Greysole	774	437	-	-	N/A	N/A
Winter Flounder	1,805	694	-	-	N/A	N/A
Unspecified Flounders	62,252	18,532	-	-	N/A	N/A
Greenland Halibut	12,706	5,532	14,369	11,997	13.1	116.9
White Hake	1,462	430	722	172	-50.6	-60.0
Catfish	1,697	331	1,491	318	-12.1	-3.9
Other groundfish	6,525	1,186	5,641	3,336	-13.5	181.3
Total groundfish	**388,091**	**136,809**	**388,217**	**217,742**	**0.0**	**59.2**
Herring	8,814	1,184	37,448	5,953	324.9	402.8
Mackerel	11,651	1,468	9,204	1,621	-21.0	10.4
Tuna, Bluefin	-	-	-	-	N/A	N/A
Eels	32	72	-	-	N/A	N/A
Salmon	1,192	4,573	1,235	4,669	3.6	2.1
Smelts	32	27	15	9	-53.1	-66.7
Capelin	64,899	19,992	33,066	7,229	-49.1	-63.8
Other pelagic and estuarian species	170	205	583	310	242.9	51.2
Total pelagic and estuarian species	**86,790**	**27,521**	**81,551**	**19,791**	**-6.0**	**-28.1**
Soft Shell Clams	-	-	-	-	N/A	N/A
Quahaugs Clams	-	-	-	-	N/A	N/A
Mussels	24	20	-	-	N/A	N/A
Scallops	2,166	2,333	1,319	9,630	-39.1	312.8
Winkles	-	-	-	-	N/A	N/A
Lobsters	2,218	13,412	2,103	14,328	-5.2	6.8
Shrimp	4,128	5,465	9,482	13,612	129.7	149.1
Snow Crabs	9,175	10,354	6,911	12,688	-24.7	22.5
Other mollusc and crustacean	2	1	210	84	N/A	N/A
Total mollusc and crustacean	**17,713**	**31,585**	**20,025**	**50,342**	**13.1**	**59.4**
Other items	521	780	-	-	N/A	N/A
Total	**493,116**	**196,695**	**489,793**	**287,875**	**-0.7**	**46.4**

Figures in quantity and value of Newfoundland are preliminaries.

TABLE 68

LANDINGS IN PRINCE EDWARD ISLAND

(Quantity in rounded metric tons, live weight)

(Value in thousands of dollars)

SPECIES	1986 Quantity	1986 Value	1987 Quantity	1987 Value	Var. in % Quantity	Var. in % Value
Cod	4,727	2,109	3,911	3,621	-17.3	71.7
Haddock	66	24	-	-	N/A	N/A
Redfish	5,070	1,269	4,911	1,624	-3.1	28.0
Atlantic Halibut	10	17	4	17	-60.0	0.0
American Plaice	1,701	1,030	1,876	1,449	10.3	34.2
Greysole	17	19	-	-	N/A	N/A
Winter Flounder	763	459	-	-	N/A	N/A
Unspecified Flounders	-	-	-	-	N/A	N/A
Greenland Halibut	-	-	5	3	N/A	N/A
White Hake	1,693	451	1,923	1,060	13.6	135.0
Catfish	•	•	-	-	N/A	N/A
Other groundfish	273	85	-	-	N/A	N/A
Total groundfish	**14,320**	**5,513**	**12,630**	**7,774**	**-11.8**	**41.0**
Herring	8,870	1,814	10,484	2,772	18.2	52.8
Mackerel	2,455	607	378	125	-84.6	-79.4
Tuna, Bluefin	4	89	-	-	N/A	N/A
Eels	44	104	-	-	N/A	N/A
Salmon	2	18	-	-	N/A	N/A
Smelts	421	316	101	67	-76.0	-78.8
Capelin	-	-	-	-	N/A	N/A
Other pelagic and estuarian species	493	109	-	-	N/A	N/A
Total pelagic and estuarian species	**12,289**	**3,057**	**10,963**	**2,964**	**-10.8**	**-3.0**
Soft Shell Clams	330	463	-	-	N/A	N/A
Quahaugs Clams	248	242	-	-	N/A	N/A
Mussels	621	1,250	-	-	N/A	N/A
Scallops	892	1,254	575	6,972	-35.5	456.0
Winkles	-	-	-	-	N/A	N/A
Lobsters	7,650	36,163	8,558	49,532	11.9	37.0
Shrimp	-	-	-	-	N/A	N/A
Snow Crabs	1,676	3,004	597	1,974	-64.4	-34.3
Other mollusc and crustacean	2,070	2,575	447	936	-78.4	-63.7
Total mollusc and crustacean	**13,487**	**44,951**	**10,177**	**59,414**	**-24.5**	**32.2**
Other items	281	39	-	-	N/A	N/A
Total	**40,377**	**53,560**	**33,770**	**70,152**	**-16.4**	**31.0**

Figures in quantity and value of Prince Edward Island are preliminaries.

TABLE 69

LANDINGS IN QUEBEC

(Quantity in rounded metric tons, live weight)

(Value in thousands of dollars)

SPECIES	1986 Quantity	1986 Value	1987 Quantity	1987 Value	Var. in % Quantity	Var. in % Value
Cod	34,274	17,169	31,189	23,457	-9.0	36.6
Haddock	97	78	31	32	-68.0	-59.0
Redfish	9,917	2,409	14,848	3,931	49.7	63.2
Atlantic Halibut	206	540	156	445	-24.3	-17.6
American Plaice	3,571	2,013	4,739	3,922	32.7	94.8
Greysole	481	445	645	677	34.1	52.1
Winter Flounder	442	269	384	256	-13.1	-4.8
Unspecified Flounders	-	-	-	-	N/A	N/A
Greenland Halibut	6,241	4,994	10,673	13,854	71.0	177.4
White Hake	470	96	723	330	53.8	243.8
Catfish	67	15	75	27	11.9	80.0
Other groundfish	100	52	292	137	192.0	163.5
Total groundfish	**55,865**	**28,082**	**63,755**	**47,068**	**14.1**	**67.6**
Herring	3,860	1,027	5,640	1,499	46.1	46.0
Mackerel	3,004	840	2,753	733	-8.4	-12.7
Tuna, Bluefin	2	6	•	1	N/A	-83.3
Eels	318	1,461	396	1,799	24.5	23.1
Salmon	89	587	110	767	23.6	30.7
Smelts	53	46	24	51	-54.7	10.9
Capelin	227	47	67	52	-70.5	10.6
Other pelagic and estuarian species	73	209	49	104	-32.9	-50.2
Total pelagic and estuarian species	**7,625**	**4,222**	**9,039**	**5,006**	**18.5**	**18.6**
Soft Shell Clams	820	615	465	579	-43.3	-5.9
Quahaugs Clams	64	45	40	45	-37.5	0.0
Mussels	15	27	22	24	46.7	-11.1
Scallops	1,171	1,583	1,977	3,079	68.8	94.5
Winkles	652	196	1,300	527	99.4	168.9
Lobsters	2,268	13,569	2,659	18,349	17.2	35.2
Shrimp	6,689	11,463	7,714	18,420	15.3	60.7
Snow Crabs	14,761	26,057	10,172	32,646	-31.1	25.3
Other mollusc and crustacean	6	4	16	10	166.7	150.0
Total mollusc and crustacean	**26,445**	**53,558**	**24,365**	**73,679**	**-7.9**	**37.6**
Other items	35	42	115	444	228.6	N/A
Total	**89,970**	**85,903**	**97,274**	**126,197**	**8.1**	**46.9**

TABLE 70

LANDINGS ON THE ATLANTIC COAST

(Quantity in rounded metric tons, live weight)

(Value in thousands of dollars)

SPECIES	1986		1987		Var. in %	
	Quantity	Value	Quantity	Value	Quantity	Value
Cod	464,257	209,507	453,485	325,587	-2.3	55.4
Haddock	44,020	36,908	27,089	33,110	-38.5	-10.3
Redfish	75,979	20,130	78,593	25,497	3.4	26.7
Atlantic Halibut	3,652	14,996	2,274	10,545	-37.7	-29.7
American Plaice	14,696	8,840	82,483	43,261	461.3	389.4
Greysole	5,384	4,771	645	677	-88.0	-85.8
Winter Flounder	4,962	3,082	384	256	-92.3	-91.7
Unspecified Flounders	65,850	22,666	-	-	N/A	N/A
Greenland Halibut	19,266	10,678	27,677	26,007	43.7	143.6
White Hake	16,498	6,796	18,805	13,474	14.0	98.3
Catfish	3,541	871	2,920	928	-17.5	6.5
Other groundfish	57,434	22,251	57,253	37,842	-0.3	70.1
Total groundfish	**775,538**	**361,498**	**751,608**	**517,184**	**-3.1**	**43.1**
Herring	176,658	33,028	237,623	45,370	34.5	37.4
Mackerel	23,588	4,653	17,630	4,216	-25.3	-9.4
Tuna, Bluefin	41	209	34	241	-17.1	15.3
Eels	563	2,030	428	1,888	-24.0	-7.0
Salmon	1,283	5,178	1,345	5,436	4.8	5.0
Smelts	708	611	749	589	5.8	-3.6
Capelin	65,126	20,039	33,133	7,281	-49.1	-63.7
Other pelagic and estuarian species	5,481	8,838	3,247	7,541	-40.8	-14.7
Total pelagic and estuarian species	**273,447**	**74,585**	**294,189**	**72,562**	**7.6**	**-2.7**
Soft Shell Clams	6,152	7,316	465	579	-92.4	-92.1
Quahaugs Clams	397	424	3,792	4,739	N/A	N/A
Mussels	925	1,443	22	24	-97.6	-98.3
Scallops	56,107	72,745	72,447	112,514	29.1	54.7
Winkles	771	308	1,300	527	68.6	71.1
Lobsters	34,649	225,820	35,386	264,269	2.1	17.0
Shrimp	14,657	25,469	23,219	44,431	58.4	74.5
Snow Crabs	42,782	67,779	27,083	78,385	-36.7	15.6
Other mollusc and crustacean	2,673	3,062	1,283	1,581	-52.0	-48.4
Total mollusc and crustacean	**159,112**	**404,365**	**164,997**	**507,049**	**3.7**	**25.4**
Other items	12,797	1,956	115	1,611	-99.1	-17.6
Total	**1,220,895**	**842,403**	**1,210,909**	**1,098,406**	**-0.8**	**30.4**

Figures in quantity and value of the Atlantic Coast are preliminaries.

FIGURE 107

Distribution of landings on the Atlantic Coast, by species group in 1986

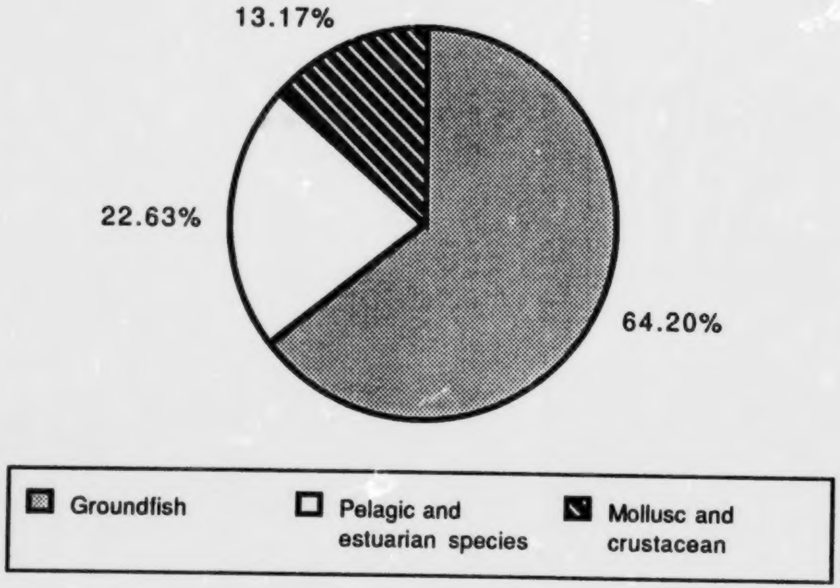


FIGURE 108

Distribution of landed value on the Atlantic Coast, by species group in 1986

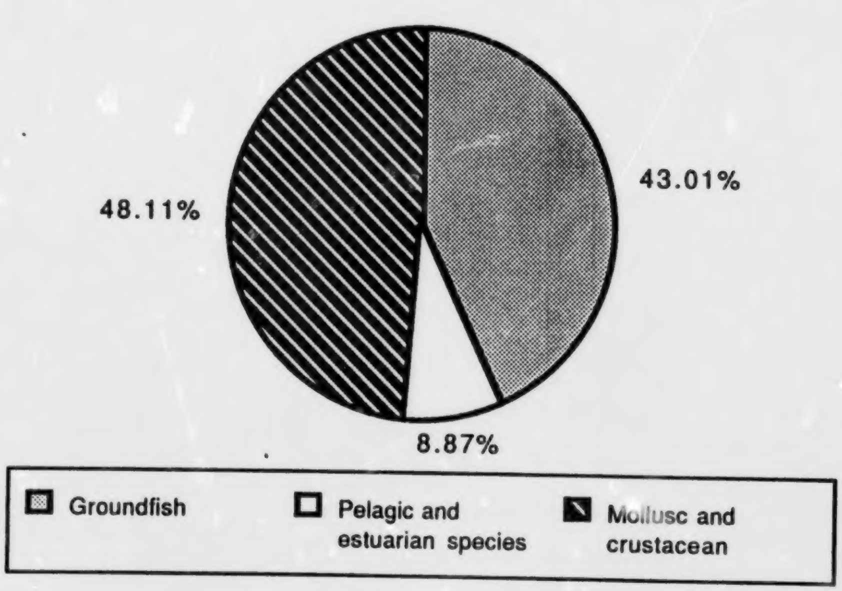


FIGURE 109

Distribution of landings on the Atlantic Coast, by species group in 1987

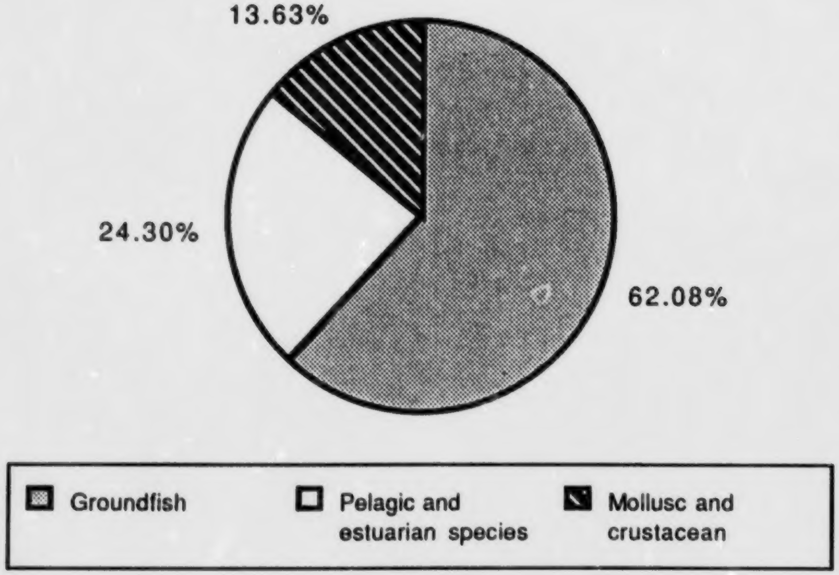
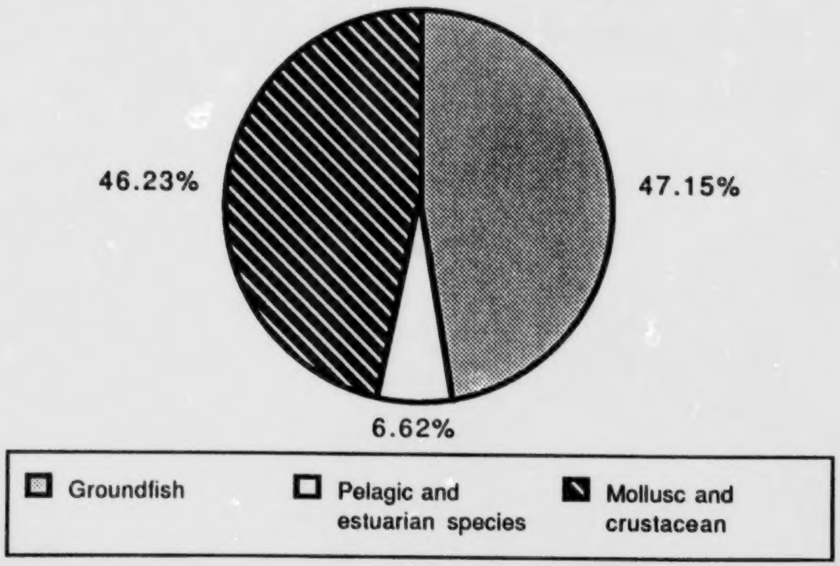


FIGURE 110

Distribution of landed value on the Atlantic Coast, by species group in 1987



LANDINGS BY

DFO ADMINISTRATIVE

REGION

TABLE 71

LANDINGS AND ASSOCIATED VALUE BY ADMINISTRATIVE REGION - 1987

(Quantity in rounded metric tons, live weight)

(Value in thousands of dollars)

SPECIES	NEWFOUNDLAND		SCOTIA FUNDY		GULF		QUEBEC		ATLANTIC COAST	
	Quantity	Value	Quantity	Value	Quantity	Value	Quantity	Value	Quantity	Value
Cod	232,417	123,974	121,039	110,559	68,840	67,597	31,189	23,457	453,485	325,587
Haddock	3,746	1,431	23,312	31,647	-	-	31	32	27,089	33,110
Redfish	20,682	6,772	33,821	11,158	9,242	3,636	14,848	3,931	78,593	25,497
Atlantic Halibut	321	489	1,716	9,324	81	287	156	445	2,274	10,545
American Plaice	59,951	21,216	11,595	13,405	6,198	4,718	4,739	3,922	82,483	43,261
Greysole	-	-	-	-	-	-	645	677	645	677
Winter Flounder	-	-	-	-	-	-	384	256	384	256
Unspecified Flounders	-	-	-	-	-	-	-	-	-	-
Greenland Halibut	14,335	11,974	2,424	39	245	140	10,673	13,854	27,677	26,007
White Hake	722	172	12,199	9,770	5,161	3,202	723	330	18,805	13,474
Catfish	1,316	252	1,345	580	184	69	75	27	2,920	928
Other groundfish	5,047	1,175	51,320	31,499	594	5,031	292	137	57,253	37,842
Total groundfish	**338,537**	**167,455**	**258,771**	**217,981**	**90,545**	**84,680**	**63,755**	**47,068**	**751,608**	**517,184**
Herring	22,560	2,999	123,274	21,342	86,149	19,530	5,640	1,499	237,623	45,370
Mackerel	9,069	1,591	5,183	1,694	625	198	2,753	733	17,630	4,216
Tuna, Bluefin	-	-	34	240	-	-	*	1	34	241
Eels	-	-	32	89	-	-	396	1,799	428	1,888
Salmon	1,235	4,669	-	-	-	-	110	767	1,345	5,436
Smelts	15	9	28	39	682	490	24	51	749	589
Capelin	32,296	7,070	-	-	770	159	67	52	33,133	7,281
Other pelagic and estuarian species	583	310	2,615	7,127	-	-	49	104	3,247	7,541
Total pelagic and estuarian species	**65,758**	**16,648**	**131,166**	**30,531**	**88,226**	**20,377**	**9,039**	**5,006**	**294,189**	**72,562**
Soft Shell Clams	-	-	-	-	-	-	465	579	465	579
Quahaugs Clams	-	-	3,752	4,694	-	-	40	45	3,792	4,739
Mussels	-	-	-	-	-	-	22	24	22	24
Scallops	492	514	68,089	86,525	1,889	22,396	1,977	3,079	72,447	112,514
Winkles	-	-	-	-	-	-	1,300	527	1,300	527
Lobsters	1,157	8,071	14,909	138,970	16,661	98,879	2,659	18,349	35,386	264,269
Shrimp	7,210	9,855	2,046	5,823	6,249	10,333	7,714	18,420	23,219	44,431
Snow Crabs	6,834	12,433	368	1,199	9,709	32,107	10,172	32,646	27,083	78,385
Other mollusc and crustacean	210	84	497	389	560	1,098	16	10	1,283	1,581
Total mollusc and crustacean	**15,903**	**30,957**	**89,661**	**237,600**	**35,068**	**164,813**	**24,365**	**73,679**	**164,997**	**507,049**
Other items	-	-	...	1,167	-	-	115	444	115	1,611
Total	**420,198**	**215,060**	**479,598**	**487,279**	**213,839**	**269,870**	**97,274**	**126,197**	**1,210,909**	**1,098,406**

Figures in quantity and value by administrative region are preliminaries.

COMPARATIVE DATA IN GULF AND OUTSIDE-GULF

TABLE 71.1

LANDINGS AND ASSOCIATED VALUE INSIDE AND OUTSIDE GULF OF ST-LAWRENCE - 1987

(Quantity in rounded metric tons, live weight)

(Value in thousands of dollars)

SPECIES	INSIDE GULF		OUTSIDE GULF		ATLANTIC COAST		% GULF / ATLANTIC	
	Quantity	Value	Quantity	Value	Quantity	Value	Quantity	Value
Cod	100,029	91,054	353,456	234,533	453,485	325,587	22.06	27.97
Haddock	31	32	27,058	33,078	27,089	33,110	0.11	0.10
Redfish	24,090	7,567	54,503	17,930	78,593	25,497	30.65	29.68
Atlantic Halibut	237	732	2,037	9,813	2,274	10,545	10.42	6.94
American Plaice	10,937	8,640	71,546	34,621	82,483	43,261	13.26	19.97
Greysole	645	677	-	-	645	677	100.00	100.00
Winter Flounder	384	256	-	-	384	256	100.00	100.00
Unspecified Flounders	-	-	-	-	-	-	-	-
Greenland Halibut	10,918	13,994	16,759	12,013	27,677	26,007	39.45	53.81
White Hake	5,884	3,532	12,921	9,942	18,805	13,474	31.29	26.21
Catfish	259	96	2,661	832	2,920	928	8.87	10.34
Other groundfish	886	5,168	56,367	32,674	57,253	37,842	1.55	13.66
Total groundfish	154,300	131,748	597,308	385,436	751,608	517,184	20.53	25.47
Herring	91,789	21,029	145,834	24,341	237,623	45,370	38.63	46.35
Mackerel	3,378	931	14,252	3,285	17,630	4,216	19.16	22.08
Tuna, Bluefin	-	1	34	240	34	241	S/O	0.41
Eels	396	1,799	32	89	428	1,888	92.52	95.29
Salmon	110	767	1,235	4,669	1,345	5,436	8.18	14.11
Smelts	706	541	43	48	749	589	94.26	91.85
Capelin	837	211	32,296	7,070	33,133	7,281	2.53	2.90
Other pelagic and estuarian species	49	104	3,198	7,437	3,247	7,541	1.51	1.38
Total pelagic and estuarian species	97,265	25,383	196,924	47,179	294,189	72,562	33.06	34.98
Soft Shell Clams	465	579	-	-	465	579	100.00	100.00
Quahaugs Clams	40	45	3,752	4,694	3,792	4,739	1.05	0.95
Mussels	22	24	-	-	22	24	100.00	100.00
Scallops	3,866	25,475	68,581	87,039	72,447	112,514	5.34	22.64
Winkles	1,300	527	-	-	1,300	527	100.00	100.00
Lobsters	19,320	117,228	16,066	147,041	35,386	264,269	54.60	44.36
Shrimp	13,963	28,753	9,256	15,678	23,219	44,431	60.14	64.71
Snow Crabs	19,881	64,753	7,202	13,632	27,083	78,385	73.41	82.61
Other mollusc and crustacean	576	1,108	707	473	1,283	1,581	44.89	70.08
Total mollusc and crustacean	59,433	238,492	105,564	268,557	164,997	507,049	36.02	47.04
Other items	115	444	-	1,167	115	1,611	100.00	27.56
Total	311,113	396,067	899,796	702,339	1,210,909	1,098,406	25.69	36.06

Figures in quantity and value are preliminaries.

PLANT PRODUCTION

Plant production data

In this chapter we are pleased to present data in table and figure form on four years of production covering the period from 1984 to 1987.

Information for the year 1984 includes data previously published by the Bureau de la Statistique du Québec as well as figures for a number of plants that were not included in the BSQ presentation.

In this review, the term "production" refers to all primary processing and sale of round product by a dealer who obtains supplies directly from fishermen.

The volume and value of the various products are determined from the monthly production of each plant, the purchases of each dealer, and the value of sales for each processed and round product.

Some values may have been adjusted on the basis of the purchase value of unprocessed product or the value of the same product once processed in the same geographic sector and the same year. In the case of adjustments, reference to an earlier year implies use of the inflation rate where necessary.

Data are presented for Quebec as a whole and by maritime sector. For confidentiality reasons, some products have been grouped together.

The reader may note discrepancies between 1986 production figures published in the 1985-1986 annual review and those shown herein. These figures were amended following receipt of additional information on 1986 plant production.

Plant production
1984 to 1987

The series of tables presenting Quebec production data show a steady rising trend. From 1984 to 1987, the value of plant production increased consistently from $136.7 million in 1984 to $179.1 million in 1985, $209.5 million in 1986 and $256.8 million in 1987. Although in a less spectacular way, production volume also grew, except in 1986 where it fell off in comparison with the other years.

Examination of the major species groups shows the same trend noted with regard to landings: groundfish predominated in terms of production quantity and molluscs and crustaceans led in terms of value.

Cod, redfish, Greenland halibut, lobster, shrimp and snow crab were still the species of particular interest over the four-year period, because of either high production volume or value.

The sectoral distribution of production shows clear domination of processing operations by the Gaspé Peninsula, noteworthy progress in the Magdalen Islands, and a large value jump on the North Shore between 1986 and 1987.

More detailed study of the various tables will provide you with information on the distribution of production volume and value by species and product type for Quebec as a whole and each of the sectors.

TABLE 72

QUEBEC PLANT PRODUCTION, 1984 TO 1987,
BY SPECIES AND PRODUCT TYPE

(Quantity in rounded metric tons, live weight)
(Value in thousands of dollars)

SPECIES	PRODUCT		1984		1985		1986		1987		Var. in %	
			Quantity	Value	Quantity	Value	Quantity	Value	Quantity	Value	Quantity	Value
COD												
	Fresh											
		Dressed	797.0	682.5	2,679.0	1,975.1	1,321.2	1,343.1	1,279.6	1,707.7	-3.1	27.1
		Fillets	157.5	429.6	434.7	1,300.6	521.1	1,798.2	317.5	1,877.1	-39.1	4.4
		Other	40.5	38.9	15.1	20.2	64.3	43.8	100.1	99.2	55.7	126.5
		Total	995.0	1,151.0	3,128.8	3,295.9	1,906.6	3,185.1	1,697.2	3,684.0	-11.0	15.7
	Frozen											
		Fillets	1,329.2	3,948.9	1,541.9	5,086.8	2,181.8	9,421.7	1,542.6	8,481.2	-29.3	-10.0
		Fillets in block	1,636.0	4,179.1	2,802.9	9,305.0	2,820.2	11,723.9	2,420.0	13,282.7	-14.2	13.3
		Other	537.5	382.3	2,530.8	3,232.0	622.2	964.5	773.7	2,427.1	24.3	151.6
		Total	3,502.7	8,510.3	6,875.6	17,623.8	5,624.2	22,110.1	4,736.3	24,191.0	-15.8	9.4
	Gaspe cure											
		Hard dried	555.6	2,501.3	1,175.9	5,247.6	433.8	2,192.6	822.9	6,021.6	89.7	174.6
		Dried	1,798.0	7,257.4	1,838.3	7,868.4	2,636.8	12,053.4	1,655.2	9,196.7	-37.2	-23.7
		Total	2,353.6	9,758.7	3,014.2	13,116.0	3,070.6	14,246.0	2,478.1	15,218.3	-19.3	6.8
	Light salted											
		Total	317.2	620.0	5.8	14.5	200.4	887.7	346.4	1,407.8	72.9	58.6
	Heavy salted											
		Other	4,298.0	6,752.5	3,276.1	6,907.1	1,533.5	3,649.3	1,463.5	5,361.2	-4.6	46.9
		Total	4,298.0	6,752.5	3,276.1	6,907.1	1,533.5	3,649.3	1,463.5	5,361.2	-4.6	46.9
	Other products											
		Total	0.3	5.0	1.4	18.2	1.5	18.6	0.4	3.9	-73.3	-79.0
TOTAL: COD			11,466.8	26,797.5	16,301.9	40,975.5	12,336.8	44,096.8	10,721.9	49,866.2	-13.1	13.1

TABLE 72

QUEBEC PLANT PRODUCTION, 1984 TO 1987,
BY SPECIES AND PRODUCT TYPE

(Quantity in rounded metric tons, live weight)
(Value in thousands of dollars)

SPECIES	PRODUCT		1984		1985		1986		1987		Var. in %	
			Quantity	Value	Quantity	Value	Quantity	Value	Quantity	Value	Quantity	Value
REDFISH												
	Fresh											
		Fillets skin on	20.8	55.1	194 7	706.3	75.2	296.5	113.1	438.3	50.4	47.8
		Other	53.9	26.5	37.3	42.0	117.3	92.7	92.0	134.7	-21.6	45.3
		Total	74.7	81.6	232.0	748.3	192.5	389.2	205.1	573.0	6.5	47.2
	Frozen											
		Fillets skin on	3,933.7	10,762.1	2,044.3	7,797.3	2,338.2	9,845.2	1,087.1	4,810.2	-53.5	-51.1
		Other	15.8	40.8	477.9	1,070.7	191.9	609.3	2,961.2	12,402.5	N/A	N/A
		Total	3,949.5	10,802.9	2,522.2	8,868.0	2,530.1	10,454.5	4,048.3	17,212.7	60.0	64.6
	Meal											
		Total	-	-	909.4	436.5	969.4	495.2	1,452.6	711.7	49.8	43.7
	Oil											
		Total	-	-	330.7	102.5	361.0	113.7	559.3	125.5	54.9	10.4
TOTAL: REDFISH			4,024.2	10,884.5	3,994.3	10,155.3	4,053.0	11,452.6	6,265.3	18,622.9	54.6	62.6
ATLANTIC HALIBUT												
	Fresh											
		Total	9.1	59.3	27.6	123.4	37.0	160.4	49.1	298.5	32.7	86.1
	Frozen											
		Total	29.4	160.1	15.1	66.2	60.4	248.6	101.6	578.7	68.2	132.8
	Other products											
		Total	-	-	2.5	5.0	-	-	-	-	N/A	N/A
TOTAL: ATLANTIC HALIBUT			38.5	219.4	45.2	194.6	97.4	409.0	150.7	877.2	54.7	114.5

TABLE 72

QUEBEC PLANT PRODUCTION, 1984 TO 1987,
BY SPECIES AND PRODUCT TYPE

(Quantity in rounded metric tons, live weight)

(Value in thousands of dollars)

SPECIES	PRODUCT		1984		1985		1986		1987		Var. in %	
			Quantity	Value	Quantity	Value	Quantity	Value	Quantity	Value	Quantity	Value
AMERICAN PLAICE												
	Fresh											
		Round	196.2	168.1	616.4	576.4	1,112.4	1,535.7	410.6	523.8	-63.1	-65.9
		Fillets	76.0	310.1	212.7	839.2	173.0	636.8	111.0	741.5	-35.8	16.4
		Other	-	-	0.8	3.6	15.3	10.0	15.1	6.2	-1.3	-38.0
		Total	272.2	478.2	829.9	1,419.2	1,300.7	2,182.5	536.7	1,271.5	-58.7	-41.7
	Frozen											
		Fillets	243.4	993.9	186.6	629.4	353.8	1,797.5	507.6	3,084.6	43.5	71.6
		Other	32.4	70.5	54.1	198.0	78.3	358.8	262.9	1,348.9	235.8	275.9
		Total	275.8	1,064.4	240.7	827.4	432.1	2,156.3	770.5	4,433.5	78.3	105.6
	Other products	Total	-	-	0.1	0.7	-	-	-	-	N/A	N/A
TOTAL: AMERICAN PLAICE			548.0	1,542.6	1,070.7	2,247.3	1,732.8	4,338.8	1,307.2	5,705.0	-24.6	31.5
GREENLAND HALIBUT												
	Fresh											
		Fillets	129.8	454.7	380.2	1,305.5	899.9	3,520.2	626.4	3,902.3	-30.4	10.9
		Other	55.5	61.7	23.1	60.6	191.0	205.9	145.9	336.6	-23.6	63.5
		Total	185.3	516.4	403.3	1,366.1	1,090.9	3,726.1	772.3	4,238.9	-29.2	13.8
	Frozen											
		Fillets	277.1	943.6	174.7	519.1	1,275.2	5,502.9	2,716.6	16,466.9	113.0	199.2
		Other	1.6	2.5	42.6	91.4	96.0	240.5	121.0	667.8	26.0	177.7
		Total	278.7	946.1	217.3	610.5	1,371.2	5,743.4	2,837.6	17,134.7	106.9	198.3

TABLE 72

QUEBEC PLANT PRODUCTION, 1984 TO 1987,
BY SPECIES AND PRODUCT TYPE

(Quantity in rounded metric tons, live weight)
(Value in thousands of dollars)

SPECIES	PRODUCT	1984 Quantity	1984 Value	1985 Quantity	1985 Value	1986 Quantity	1986 Value	1987 Quantity	1987 Value	Var. in % Quantity	Var. in % Value
	Other products Total	1.8	9.3	2.6	20.3	6.1	42.5	20.6	42.0	237.7	-1.2
TOTAL: GREENLAND HALIBUT		465.8	1,471.8	623.2	1,996.9	2,468.2	9,512.0	3,630.5	21,415.6	47.1	125.1
WHITE HAKE											
	Frozen Total	5.9	9.7	28.9	78.2	18.8	61.1	47.7	182.1	153.7	198.0
	Other products Total	159.7	270.2	109.4	212.9	184.2	311.2	293.2	630.4	59.2	102.6
TOTAL: WHITE HAKE		165.6	279.9	138.3	291.1	203.0	372.3	340.9	812.5	67.9	118.2
OTHER GROUNDFISH											
	Fresh Total	217.5	284.4	127.8	183.5	89.6	174.0	95.3	279.3	6.4	60.5
	Frozen Total	10.9	17.6	106.3	485.9	35.6	145.8	801.8	3,160.1	N/A	N/A
	Other products Total	2,238.5	1,028.9	2.4	4.7	487.0	299.8	438.2	173.6	-10.0	-42.1
TOTAL: OTHER GROUNDFISH		2,466.9	1,330.9	236.5	674.1	612.2	619.6	1,335.3	3,613.0	118.1	483.1
GRAND TOTAL: GROUNDFISH		19,175.8	42,526.6	22,410.1	56,534.8	21,503.4	70,801.1	23,751.8	100,912.4	10.5	42.5

TABLE 72

QUEBEC PLANT PRODUCTION, 1984 TO 1987,
BY SPECIES AND PRODUCT TYPE

(Quantity in rounded metric tons, live weight)
(Value in thousands of dollars)

SPECIES	PRODUCT		1984 Quantity	1984 Value	1985 Quantity	1985 Value	1986 Quantity	1986 Value	1987 Quantity	1987 Value	Var. in % Quantity	Var. in % Value
HERRING												
	Fresh	Total	308.2	103.0	103.4	37.7	503.6	204.5	1,735.7	660.2	244.7	222.8
	Frozen	Bait	2,264.0	682.9	1,609.2	598.3	1,274.3	612.9	440.2	165.6	-65.5	-73.0
		Other	766.4	537.9	332.0	675.4	110.3	474.3	214.7	638.3	94.7	34.6
		Total	3,030.4	1,220.8	1,941.2	1,273.7	1,384.6	1,087.2	654.9	803.9	-52.7	-26.1
	Other products	Total	122.6	94.7	24.9	121.8	218.9	317.3	40.2	170.3	-81.6	-46.3
TOTAL: HERRING			3,461.2	1,418.5	2,069.5	1,433.2	2,107.1	1,609.0	2,430.8	1,634.4	15.4	1.6
MACKEREL												
	Fresh	Total	46.8	14.1	37.5	54.3	249.3	99.8	276.3	112.9	10.8	13.1
	Frozen	Bait	722.9	317.4	400.2	198.8	394.6	226.5	603.7	404.7	53.0	78.7
		Other	86.5	39.4	181.0	149.2	200.2	121.2	285.5	212.2	42.6	75.1
		Total	809.4	356.8	581.2	348.0	594.8	347.7	889.2	616.9	49.5	77.4
	Other products	Total	68.8	1,143.7	806.6	1,681.8	906.1	2,007.9	612.8	1,596.3	-32.4	-20.5
TOTAL: MACKEREL			925.0	1,514.6	1,425.3	2,084.1	1,750.2	2,455.4	1,778.3	2,326.1	1.6	-5.3

TABLE 72

QUEBEC PLANT PRODUCTION, 1984 TO 1987,

BY SPECIES AND PRODUCT TYPE

(Quantity in rounded metric tons, live weight)

(Value in thousands of dollars)

SPECIES	PRODUCT	1984		1985		1986		1987		Var. in %	
		Quantity	Value	Quantity	Value	Quantity	Value	Quantity	Value	Quantity	Value
SALMON											
	Total	59.1	424.7	15.4	152.0	90.2	976.6	35.3	323.8	-60.9	-66.8
TOTAL: SALMON		59.1	424.7	15.4	152	90.2	976.6	35.3	323.8	-60.9	-66.8
OTHER PELAGIC AND ESTUARIAN SPECIES											
	Fresh										
	Total	-	-	369.8	476.7	207.2	272.8	85.2	235.5	-58.9	-13.7
	Frozen										
	Total	580.0	1,497.1	316.8	1,533.3	499.8	2,266.4	237.6	898.3	-52.5	-60.4
	Other products										
	Total	-	-	262.6	94.9	0.5	5.0	19.7	11.9	N/A	138.0
TOTAL: OTHER PELAGIC AND ESTUARIAN SPECIES		580.0	1,497.1	949.2	2,104.9	707.5	2,544.2	342.5	1,145.7	-51.6	-55.0
GRAND TOTAL: PELAGIC AND ESTUARIAN SPECIES		5,025.3	4,854.9	4,459.4	5,774.2	4,655.0	7,585.2	4,586.9	5,430.0	-1.5	-28.4
SCALLOPS											
	Fresh										
	Meat	10.1	153.9	13.1	205.5	45.8	712.5	116.3	1,860.5	153.9	161.1
	Total	10.1	153.9	13.1	205.5	45.8	712.5	116.3	1,860.5	153.9	161.1
	Frozen										
	Meat	140.8	2,109.6	95.6	1,554.6	38.0	636.5	109.7	1,522.7	188.7	139.2
	Total	140.8	2,109.6	95.6	1,554.6	38.0	636.5	109.7	1,522.7	188.7	139.2
TOTAL: SCALLOPS		150.9	2,263.5	108.7	1,760.1	83.8	1,349.0	226.0	3,383.2	169.7	150.8

TABLE 72

QUEBEC PLANT PRODUCTION, 1984 TO 1987, BY SPECIES AND PRODUCT TYPE

(Quantity in rounded metric tons, live weight)

(Value in thousands of dollars)

SPECIES	PRODUCT		1984		1985		1986		1987		Var. in %	
			Quantity	Value	Quantity	Value	Quantity	Value	Quantity	Value	Quantity	Value
LOBSTER												
	Fresh											
		Round	824.6	5,905.0	1,599.4	11,559.4	1,890.1	14,641.8	2,265.7	19,286.6	19.9	31.7
		Total	824.6	5,905.0	1,599.4	11,559.4	1,890.1	14,641.8	2,265.7	19,286.6	19.9	31.7
	Frozen											
		Total	567.3	4,178.0	138.3	1,189.6	138.0	1,347.7	161.9	1,598.8	17.3	18.6
	Other products											
		Total	60.2	1,532.9	77.3	1,765.7	92.2	1,893.0	60.6	1,336.1	-34.3	-29.4
TOTAL: LOBSTER			1,452.1	11,615.9	1,815.0	14,514.7	2,120.3	17,882.5	2,488.2	22,221.5	17.4	24.3
SHRIMP												
	Fresh											
		Meat	-	-	61.5	601.8	49.5	565.2	105.1	1,645.7	112.3	191.2
		Other	-	-	302.3	1,015.7	172.6	787.4	166.3	1,033.4	-3.7	31.2
		Total	-	-	363.8	1,617.5	222.1	1,352.6	271.4	2,679.1	22.2	98.1
	Frozen											
		Meat	1,518.6	14,437.4	2,127.6	20,538.2	1,512.4	20,080.2	2,206.6	32,036.7	45.9	59.5
		Other	210.6	1,090.5	126.2	1,111.8	69.3	579.8	285.9	2,009.8		
		Total	1,729.2	15,527.9	2,253.8	21,650.0	1,581.7	20,660.0	2,492.5	34,046.5	57.6	64.8
	Other products											
		Total	-	-	1.3	16.3	0.6	11.9	-	-	N/A	N/A
TOTAL: SHRIMP			1,729.2	15,527.9	2,618.9	23,283.8	1,804.4	22,024.5	2,763.9	36,725.6	53.2	66.7

TABLE 72

QUEBEC PLANT PRODUCTION, 1984 TO 1987,
BY SPECIES AND PRODUCT TYPE

(Quantity in rounded metric tons, live weight)
(Value in thousands of dollars)

SPECIES	PRODUCT		1984 Quantity	1984 Value	1985 Quantity	1985 Value	1986 Quantity	1986 Value	1987 Quantity	1987 Value	Var. in % Quantity	Var. in % Value
CRAB												
	Fresh											
		Round	2,340.3	2,744.2	3,182.5	5,763.5	2,432.1	4,863.3	1,790.2	6,584.7	-26.4	35.4
		Claws and legs	2,259.0	9,477.2	147.1	820.2	76.7	537.5	39.7	375.8	-48.2	-30.1
		Other	25.8	170.7	5.5	87.1	37.9	238.7	1.1	22.4	-97.1	-90.6
		Total	4,625.1	12,392.1	3,335.1	6,670.8	2,546.7	5,639.5	1,831.0	6,982.9	-28.1	23.8
	Frozen											
		Meat	797.3	8,426.3	667.2	10,181.3	1,638.0	28,254.7	466.9	10,109.4	-71.5	-64.2
		Claws and legs	370.2	2,721.0	3,490.9	18,144.2	2,816.1	18,898.1	2,289.4	21,494.1	-18.7	13.7
		Other	14.7	113.1	787.9	10,888.4	43.0	177.4	803.0	13,014.9	N/A	N/A
		Total	1,182.2	11,260.4	4,946.0	39,213.9	4,497.1	47,330.2	3,559.3	44,618.4	-20.9	-5.7
	Other products											
		Total	449.5	8,043.7	59.6	1,407.6	46.7	1,167.0	-	-	N/A	N/A
TOTAL: CRAB			6,256.8	31,696.2	8,340.7	47,292.3	7,090.5	54,136.7	5,390.3	51,601.3	-24.0	-4.7
OTHER MOLLUSC AND CRUSTACEAN												
	Fresh											
		Total	-	-	113.6	664.2	136.7	1,033.9	291.3	715.7	113.1	-30.8
	Frozen											
		Total	243.7	445.5	5.2	42.6	115.8	672.1	206.7	1,126.0	78.5	67.5
	Other products											
		Total	-	-	9.9	84.4	1.7	12.0	5.3	51.0	211.8	325.0
TOTAL: OTHER MOLLUSC AND CRUSTACEAN			243.7	445.5	128.7	791.2	254.2	1,718.0	503.3	1,892.7	98.0	10.2
GRAND TOTAL: MOLLUSC AND CRUSTACEAN			9,832.7	61,549.0	13,012.0	87,642.1	11,353.2	97,110.7	11,371.7	115,824.3	0.2	19.3

TABLE 72

QUEBEC PLANT PRODUCTION, 1984 TO 1987,
BY SPECIES AND PRODUCT TYPE

(Quantity in rounded metric tons, live weight)
(Value in thousands of dollars)

SPECIES	PRODUCT	1984		1985		1986		1987		Var. in %	
		Quantity	Value	Quantity	Value	Quantity	Value	Quantity	Value	Quantity	Value
OTHER ITEMS											
	Total	7,103.5	27,733.8	7,477.3	29,193.4	7,774.2	34,014.0	7,619.8	34,635.8	-2.0	1.8
GRAND TOTAL: QUEBEC REGION		41,137.3	136,664.3	47,358.8	179,144.5	45,285.8	209,511.0	47,330.2	256,802.5	4.5	22.6

FIGURE 111

Output volume for Quebec, by principal species from 1984 to 1987

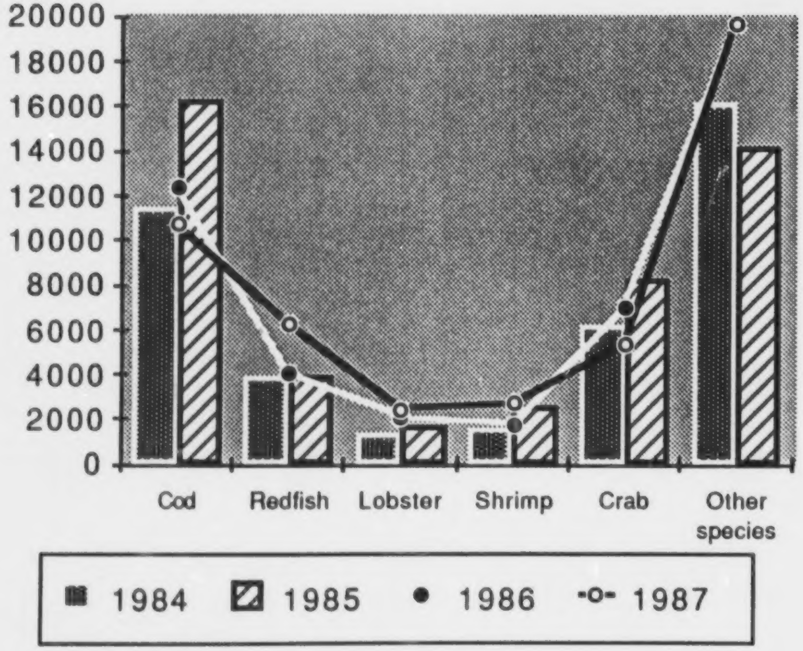


FIGURE 112

Output value for Quebec, by principal species from 1984 to 1987

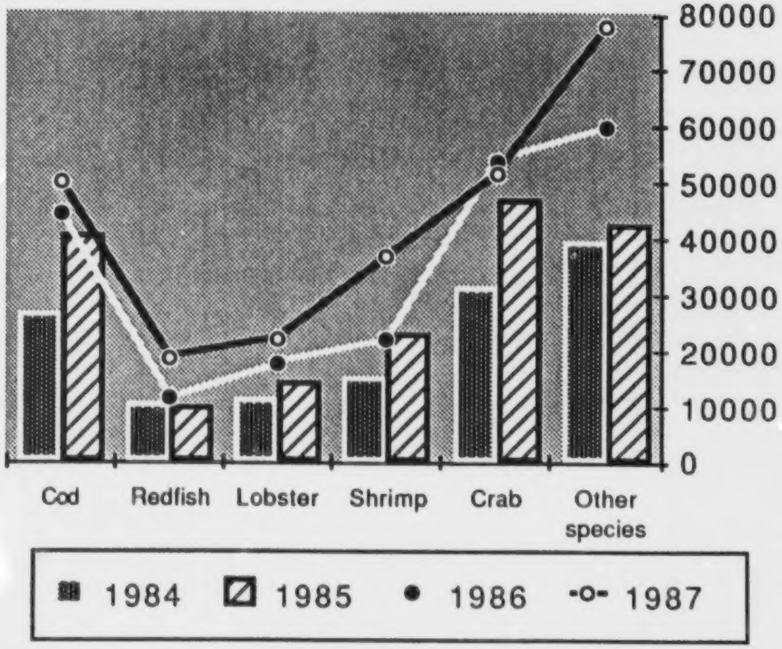


FIGURE 113

Output volume for Quebec, by species group from 1984 to 1987

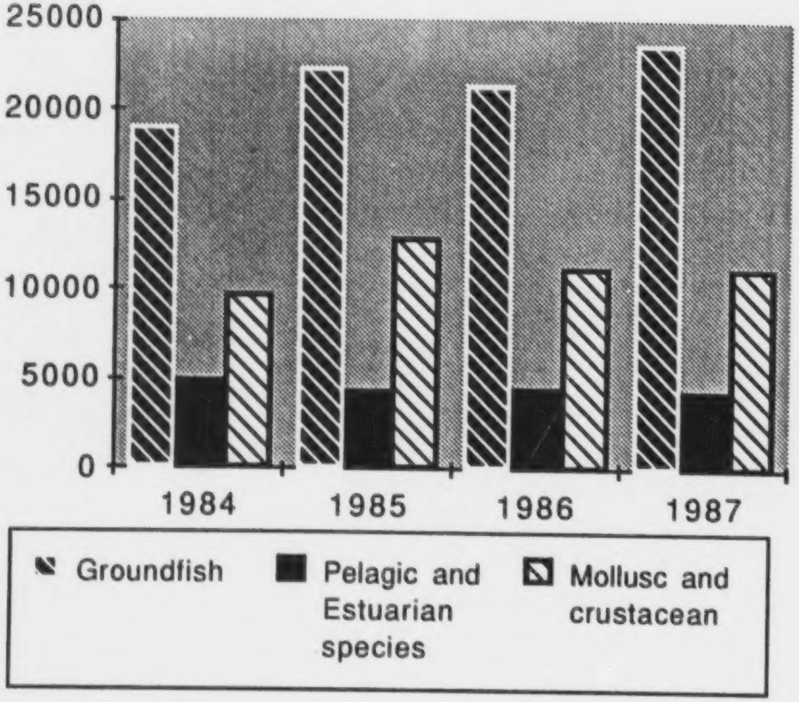


FIGURE 114

Output value for Quebec, by species group from 1984 to 1987

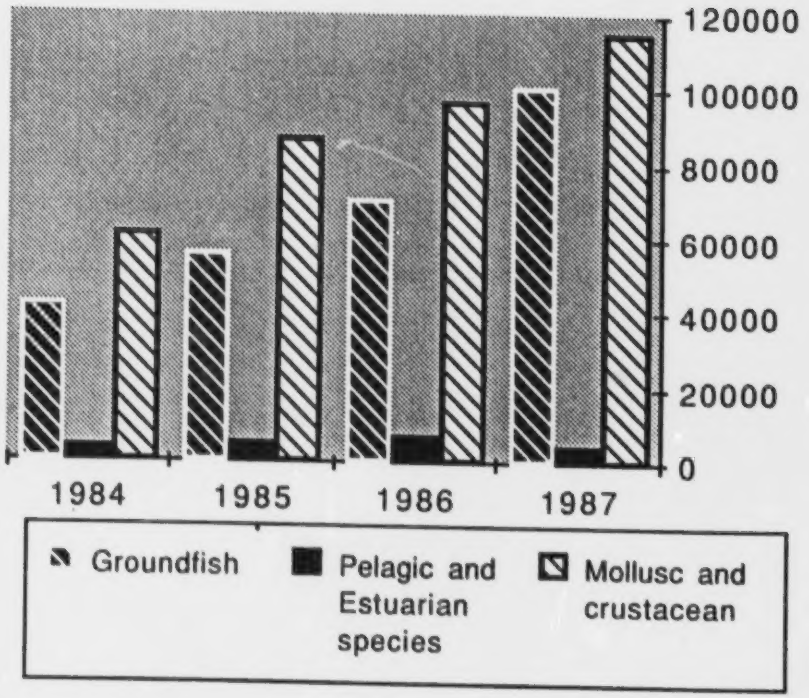
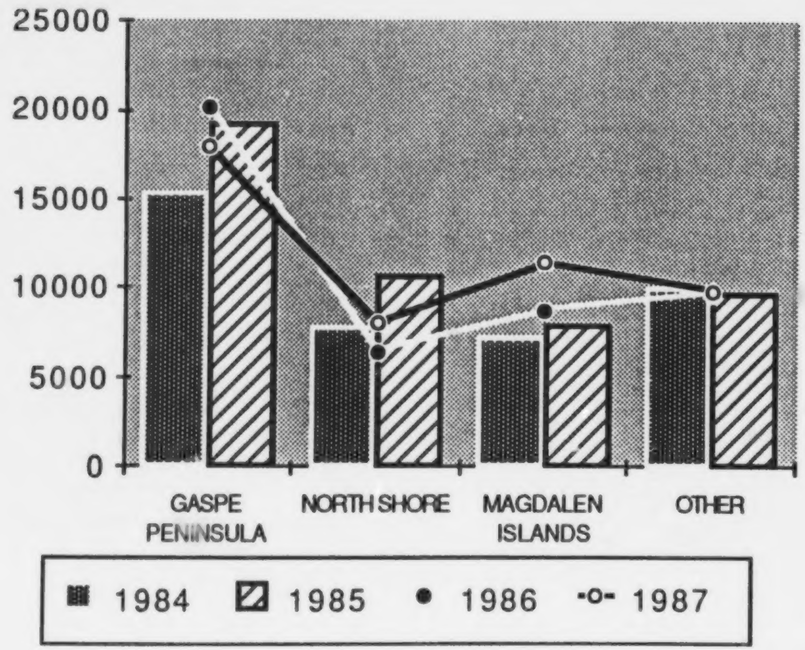


FIGURE 115

Sector-based distribution of output volume for Quebec from 1984 to 1987



·FIGURE 116

Sector-based distribution of output value for Quebec from 1984 to 1987

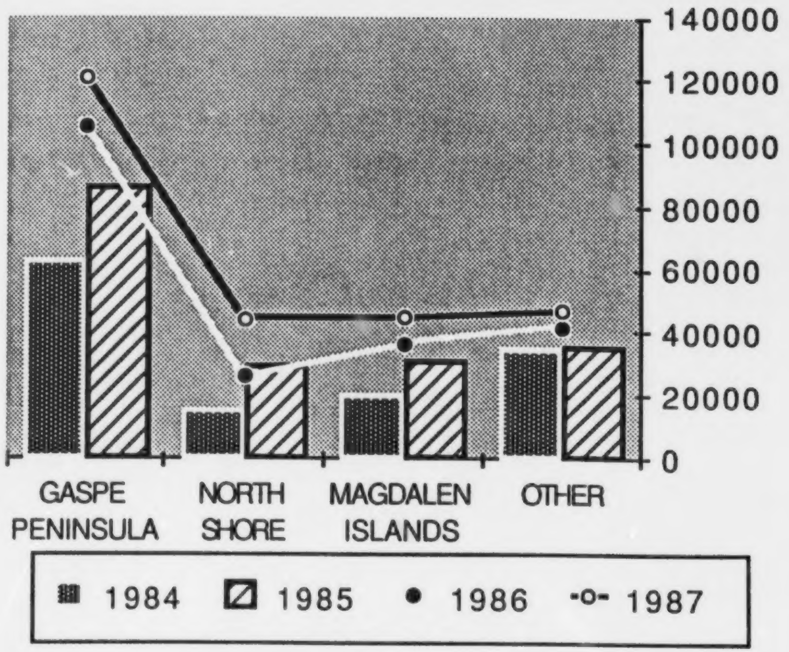


TABLE 73

GASPE PENINSULA PLANT PRODUCTION, 1984 TO 1987,

BY SPECIES AND PRODUCT TYPE

(Quantity in rounded metric tons, live weight)

(Value in thousands of dollars)

SPECIES	PRODUCT		1984		1985		1986		1987		Var. in %	
			Quantity	Value	Quantity	Value	Quantity	Value	Quantity	Value	Quantity	Value
COD												
	Fresh											
		Dressed	745.4	637.0	1,161.2	1,191.3	521.3	615.5	291.5	508.1	-44.1	-17.4
		Fillets	146.8	403.7	363.0	1,076.5	380.7	1,271.6	218.5	1,320.2	-42.6	3.8
		Other	28.0	25.7	6.4	13.2	3.6	13.2	4.4	8.6	22.2	-34.8
		Total	920.2	1,066.4	1,530.6	2,281.0	905.6	1,900.3	514.4	1,836.9	-43.2	-3.3
	Frozen											
		Fillets	862.9	2,476.6	1,052.0	3,449.9	1,140.9	5,150.6	1,003.4	5,447.3	-12.1	5.8
		Fillets in block	1,499.1	3,833.8	2,531.0	8,453.3	2,305.0	9,592.3	1,665.1	9,058.1	-27.8	-5.6
		Other	274.0	243.3	710.6	989.0	455.4	776.3	289.8	408.2	-36.4	-47.4
		Total	2,636.0	6,553.7	4,293.6	12,892.2	3,901.3	15,519.2	2,958.3	14,913.6	-24.2	-3.9
	Gaspe cure											
		Hard dried	555.6	2,501.3	1,175.9	5,247.6	433.7	2,192.6	822.9	6,021.6	89.7	174.6
		Dried	1,797.9	7,256.9	1,838.3	7,868.4	2,636.8	12,053.4	1,655.2	9,196.7	-37.2	-23.7
		Total	2,353.5	9,758.2	3,014.2	13,116.0	3,070.5	14,246.0	2,478.1	15,218.3	-19.3	6.8
	Light salted											
		Total	317.2	620.0	5.8	14.5	193.2	874.5	345.3	1,405.2	78.7	60.7
	Heavy salted											
		Semi-dried	69.0	152.2	28.4	115.2	22.4	86.4	29.4	146.1	31.3	69.1
		Ordinary	1,400.7	3,142.9	1,468.9	4,060.0	662.5	1,958.7	899.4	3,613.0	35.8	84.5
		Green salted	-	-	113.7	250.1	82.3	191.6	8.2	24.5	-90.0	-87.2
		Total	1,469.7	3,295.1	1,611.0	4,425.3	767.2	2,236.7	937.0	3,783.6	22.1	69.2
	Other products											
		Total	0.3	5.0	1.0	16.8	1.6	18.6	0.4	3.9	-75.0	-79.0
TOTAL: COD			7,696.9	21,298.4	10,456.2	32,745.8	8,839.4	34,795.3	7,233.5	37,161.5	-18.2	6.8

TABLE 73

GASPE PENINSULA PLANT PRODUCTION, 1984 TO 1987,
BY SPECIES AND PRODUCT TYPE

(Quantity in rounded metric tons, live weight)

(Value in thousands of dollars)

SPECIES	PRODUCT		1984 Quantity	1984 Value	1985 Quantity	1985 Value	1986 Quantity	1986 Value	1987 Quantity	1987 Value	Var. in % Quantity	Var. in % Value
REDFISH												
	Fresh											
		Total	70.7	75.0	70.8	160.5	91.4	136.1	134.2	327.2	46.8	140.4
	Frozen											
		Fillets skin on	273.1	676.3	70.6	42.7	119.8	452.7	273.7	1,199.2	128.5	164.9
		Other	-	-	-	-	10.4	4.1	0.1	0.5	-99.0	-87.8
		Total	273.1	676.3	70.6	42.7	130.2	456.8	273.8	1,199.7	110.3	162.6
TOTAL: REDFISH			343.8	751.3	141.4	203.2	221.6	592.9	408.0	1,526.9	84.1	157.5
ATLANTIC HALIBUT												
	Fresh											
		Total	7.6	50.1	21.8	96.9	22.5	91.1	46.0	273.5	104.4	200.2
	Frozen											
		Total	24.9	134.4	8.9	32.6	57.9	235.6	95.5	536.8	64.9	127.8
	Other products											
		Total	-	-	2.5	5.0	-	-	-	-	N/A	N/A
TOTAL: ATLANTIC HALIBUT			32.5	184.5	33.2	134.5	80.4	326.7	141.5	810.3	76.0	148.0
AMERICAN PLAICE												
	Fresh											
		Round	195.1	167.1	522.6	495.2	934.5	1,320.6	327.2	428.3	-65.0	-67.6
		Fillets	74.1	303.4	199.9	782.0	163.4	589.5	72.5	462.9	-55.6	-21.5
		Other	-	-	0.8	3.6	-	-	0.3	0.7	N/A	N/A
		Total	269.2	470.5	723.3	1,280.8	1,097.9	1,910.1	400.0	891.9	-63.6	-53.3

TABLE 73

GASPE PENINSULA PLANT PRODUCTION, 1984 TO 1987,

BY SPECIES AND PRODUCT TYPE

(Quantity in rounded metric tons, live weight)

(Value in thousands of dollars)

SPECIES	PRODUCT		1984		1985		1986		1987		Var. in %	
			Quantity	Value	Quantity	Value	Quantity	Value	Quantity	Value	Quantity	Value
	Frozen											
		Fillets	225.9	906.1	159.7	501.2	284.6	1,379.0	443.3	2,631.9	55.8	90.9
		Other	14.2	6.7	-	-	-	-	-	-	N/A	N/A
		Total	240.1	912.8	159.7	501.2	284.6	1,379.0	443.3	2,631.9	55.8	90.9
	Other products											
		Total	-	-	0.1	0.7	-	-	-	-	N/A	N/A
TOTAL: AMERICAN PLAICE			509.3	1,383.3	883.1	1,782.7	1,382.5	3,289.1	843.3	3,523.8	-39.0	7.1
GREENLAND HALIBUT												
	Fresh											
		Fillets	124.8	438.1	307.5	1,048.6	819.5	3,196.5	369.9	2,221.5	-54.9	-30.5
		Other	54.5	61.0	10.9	34.0	67.6	70.1	137.6	316.8	103.6	351.9
		Total	179.3	499.1	318.4	1,082.6	887.1	3,266.6	507.5	2,538.3	-42.8	-22.3
	Frozen											
		Fillets	199.2	668.2	94.5	197.5	688.4	2,903.3	1,926.3	11,421.2	179.8	293.4
		Other	1.6	2.5	-	-	17.6	45.9	20.3	46.1	15.3	0.4
		Total	200.8	670.7	94.5	197.5	706.0	2,949.2	1,946.6	11,467.3	175.7	288.8
	Other products											
		Total	1.7	9.2	2.5	19.6	6.2	42.5	20.6	42.0	232.3	-1.2
TOTAL: GREENLAND HALIBUT			381.8	1,179.0	415.4	1,299.7	1,599.3	6,258.3	2,474.7	14,047.6	54.7	124.5
WHITE HAKE												
	Frozen											
		Total	4.2	6.0	14.3	29.6	2.8	12.0	21.2	91.9	N/A	N/A

TABLE 73

GASPE PENINSULA PLANT PRODUCTION, 1984 TO 1987,
BY SPECIES AND PRODUCT TYPE

(Quantity in rounded metric tons, live weight)
(Value in thousands of dollars)

SPECIES	PRODUCT		1984		1985		1986		1987		Var. in %	
			Quantity	Value	Quantity	Value	Quantity	Value	Quantity	Value	Quantity	Value
	Heavy salted	Total	3.7	5.2	75.1	159.1	103.5	249.5	93.2	372.9	-10.0	49.5
	Other products	Total	146.8	249.0	22.5	30.2	24.8	26.9	30.6	65.0	23.4	141.6
TOTAL: WHITE HAKE			154.7	260.2	111.9	218.9	131.1	288.4	145.0	529.8	10.6	83.7
OTHER GROUNDFISH												
	Fresh	Total	188.1	251.8	51.0	120.8	87.3	171.5	28.2	53.3	-67.7	-68.9
	Frozen	Total	5.0	10.9	101.8	481.3	19.1	82.1	66.3	343.9	247.1	318.9
	Other products	Total	333.0	286.3	2.4	4.7	222.4	188.2	-	-	N/A	N/A
TOTAL: OTHER GROUNDFISH			526.1	549.0	155.2	606.8	328.8	441.8	94.5	397.2	-71.3	-10.1
GRAND TOTAL: GROUNDFISH			9,645.1	25,605.7	12,196.4	36,991.6	12,583.1	45,992.5	11,340.5	57,997.1	-9.9	26.1
HERRING												
	Fresh	Bait	61.2	18.5	-	-	219.1	93.2	542.4	214.8	147.6	130.5
		Other	19.6	10.4	82.0	31.1	3.6	23.8	315.3	144.0	N/A	N/A
		Total	80.8	28.9	82.0	31.1	222.7	117.0	857.7	358.8	285.1	206.7

TABLE 73

GASPE PENINSULA PLANT PRODUCTION, 1984 TO 1987, BY SPECIES AND PRODUCT TYPE

(Quantity in rounded metric tons, live weight)

(Value in thousands of dollars)

SPECIES	PRODUCT		1984 Quantity	1984 Value	1985 Quantity	1985 Value	1986 Quantity	1986 Value	1987 Quantity	1987 Value	Var. in % Quantity	Var. in % Value
	Frozen											
		Bait	722.8	236.3	1,055.5	418.9	1,091.4	544.4	387.9	138.1	-64.5	-74.6
		Other	175.8	75.6	331.6	675.2	110.3	474.3	213.9	636.6	93.9	34.2
		Total	898.6	311.9	1,387.1	1,094.1	1,201.7	1,018.7	601.8	774.7	-49.9	-24.0
	Other products											
		Total	122.6	94.7	16.3	68.2	217.3	306.7	39.8	168.3	-81.7	-45.1
TOTAL: HERRING			1,102.0	435.5	1,485.4	1,193.4	1,641.7	1,442.4	1,499.3	1,301.8	-8.7	-9.7
MACKEREL												
	Fresh											
		Total	16.9	7.6	13.8	4.8	149.6	71.6	137.9	62.5	-7.8	-12.7
	Frozen											
		Bait	219.2	97.4	258.4	115.3	252.4	132.9	84.9	48.2	-66.4	-63.7
		Other	57.9	28.1	95.2	42.8	-	-	1.9	1.6	N/A	N/A
		Total	277.1	125.5	353.6	158.1	252.4	132.9	86.8	49.8	-65.6	-62.5
	Other products											
		Total	15.4	11.4	5.1	6.4	3.6	4.8	39.8	38.8	N/A	N/A
TOTAL: MACKEREL			309.4	144.5	372.5	169.3	405.6	209.3	264.5	151.1	-34.8	-27.8
OTHER PELAGIC AND ESTUARIAN SPECIES												
	Fresh											
		Total	-	-	24.3	43.2	212.9	785.8	2.5	4.4	-98.8	-99.4
	Frozen											
		Total	46.5	66.4	14.0	16.6	15.0	30.4	36.3	77.0	142.0	153.3

TABLE 73

GASPE PENINSULA PLANT PRODUCTION, 1984 TO 1987, BY SPECIES AND PRODUCT TYPE

(Quantity in rounded metric tons, live weight)
(Value in thousands of dollars)

SPECIES	PRODUCT		1984		1985		1986		1987		Var. in %	
			Quantity	Value	Quantity	Value	Quantity	Value	Quantity	Value	Quantity	Value
	Other products	Total	-	-	262.6	94.9	6.1	168.4	1.0	23.6	-83.6	-86.0
TOTAL: OTHER PELAGIC AND ESTUARIAN SPECIES			46.5	66.4	300.9	154.7	234.0	984.6	39.8	105.0	-83.0	-89.3
GRAND TOTAL: PELAGIC AND ESTUARIAN SPECIES			1,457.9	646.4	2,158.8	1,517.4	2,281.3	2,636.3	1,803.6	1,557.9	-20.9	-40.9
SCALLOPS												
	Fresh	Total	7.3	112.4	2.0	31.2	2.2	38.7	7.4	139.9	236.4	261.5
	Frozen	Meat	7.2	109.7	21.9	375.4	10.2	162.9	5.9	102.6	-42.2	-37.0
		Total	7.2	109.7	21.9	375.4	10.2	162.9	5.9	102.6	-42.2	-37.0
TOTAL: SCALLOPS			14.5	222.1	23.9	406.6	12.4	201.6	13.3	242.5	7.3	20.3
LOBSTER												
	Fresh	Round	439.7	2,926.7	587.1	4,034.7	561.5	4,189.8	733.8	6,112.3	30.7	45.9
		Total	439.7	2,926.7	587.1	4,034.7	561.5	4,189.8	733.8	6,112.3	30.7	45.9
	Frozen	Total	197.5	1,309.1	34.5	225.4	46.0	346.3	0.2	2.3	-99.6	-99.3
	Other products	Total	-	-	-	-	-	-	1.3	13.7	N/A	N/A
TOTAL: LOBSTER			637.2	4,235.8	621.6	4,260.1	607.5	4,536.1	735.3	6,128.3	21.0	35.1

TABLE 73

GASPE PENINSULA PLANT PRODUCTION, 1984 TO 1987, BY SPECIES AND PRODUCT TYPE

(Quantity in rounded metric tons, live weight)

(Value in thousands of dollars)

SPECIES	PRODUCT		1984		1985		1986		1987		Var. in %	
			Quantity	Value	Quantity	Value	Quantity	Value	Quantity	Value	Quantity	Value
SHRIMP												
	Fresh											
		Meat	-	-	61.5	601.8	45.5	516.0	41.3	659.6	-9.2	27.8
		Other	-	-	15.0	67.1	4.8	16.5	5.4	14.4	12.5	-12.7
		Total	-	-	76.5	668.9	50.3	532.5	46.7	674.0	-7.2	26.6
	Frozen											
		Meat	1,406.6	13,427.7	1,977.6	19,075.6	1,318.6	17,472.6	1,882.4	26,837.8	42.8	53.6
		Other	0.6	2.9	-	-	69.3	579.8	28.2	429.2	-59.3	-26.0
		Total	1,407.2	13,430.6	1,977.6	19,075.6	1,387.9	18,052.4	1,910.6	27,267.0	37.7	51.0
	Other products											
		Total	-	-	1.3	16.3	0.6	11.9	-	-	N/A	N/A
TOTAL: SHRIMP			1,407.2	13,430.6	2,055.4	19,760.8	1,438.8	18,596.8	1,957.3	27,941.0	36.0	50.2
CRAB												
	Fresh											
		Round	376.2	601.3	81.6	285.4	390.9	766.4	274.3	1,196.4	-29.8	56.1
		Claws and legs	674.3	2,939.8	12.5	64.3	19.6	142.8	29.9	297.5	52.6	108.3
		Other	21.3	140.7	4.1	64.2	1.1	16.1	0.9	20.4	-18.2	26.7
		Total	1,071.8	3,681.8	98.2	413.9	411.6	925.3	305.1	1,514.3	-25.9	63.7
	Frozen											
		Meat	642.5	6,837.1	282.5	4,308.9	1,130.5	19,433.4	645.9	14,145.1	-42.9	-27.2
		Claws and legs	262.5	1,670.1	1,222.1	7,041.1	1,646.2	11,496.5	1,076.5	10,819.0	-34.6	-5.9
		Other	-	-	680.2	10,398.4	26.3	119.8	54.2	452.5	106.1	277.7
		Total	905.0	8,507.2	2,184.8	21,748.4	2,803.0	31,049.7	1,776.6	25,416.6	-36.6	-18.1

TABLE 73

GASPE PENINSULA PLANT PRODUCTION, 1984 TO 1987,

BY SPECIES AND PRODUCT TYPE

(Quantity in rounded metric tons, live weight)
(Value in thousands of dollars)

SPECIES	PRODUCT	1984 Quantity	1984 Value	1985 Quantity	1985 Value	1986 Quantity	1986 Value	1987 Quantity	1987 Value	Var. in % Quantity	Var. in % Value
	Other products Total	409.2	7,337.1	59.6	1,407.6	46.7	1,167.0	-	-	N/A	N/A
TOTAL: CRAB		2,386.0	19,526.1	2,342.6	23,569.9	3,261.3	33,142.0	2,081.7	26,930.9	-36.2	-18.7
OTHER MOLLUSC AND CRUSTACEAN											
	Fresh Total	-	-	1.6	10.6	0.1	0.9	3.1	19.3	N/A	N/A
	Frozen Total	4.0	19.5	-	-	-	-	1.2	2.8	N/A	N/A
	Other products Total	-	-	2.1	17.6	-	-	-	-	N/A	N/A
TOTAL: OTHER MOLLUSC AND CRUSTACEAN		4.0	19.5	3.7	28.2	0.1	0.9	4.3	22.1	N/A	N/A
GRAND TOTAL: MOLLUSC AND CRUSTACEAN		4,448.9	37,434.1	5,047.2	48,025.6	5,320.1	56,477.4	4,791.9	61,264.8	-9.9	8.5
OTHER ITEMS	Total	-	-	-	-	-	-	0.4	2.3	N/A	N/A
GRAND TOTAL: GASPE PENINSULA		15,551.9	63,686.2	19,402.4	86,534.6	20,184.5	105,106.2	17,936.4	120,822.1	-11.1	15.0

FIGURE 117

Output volume for Gaspe,
by principal species
from 1984 to 1987

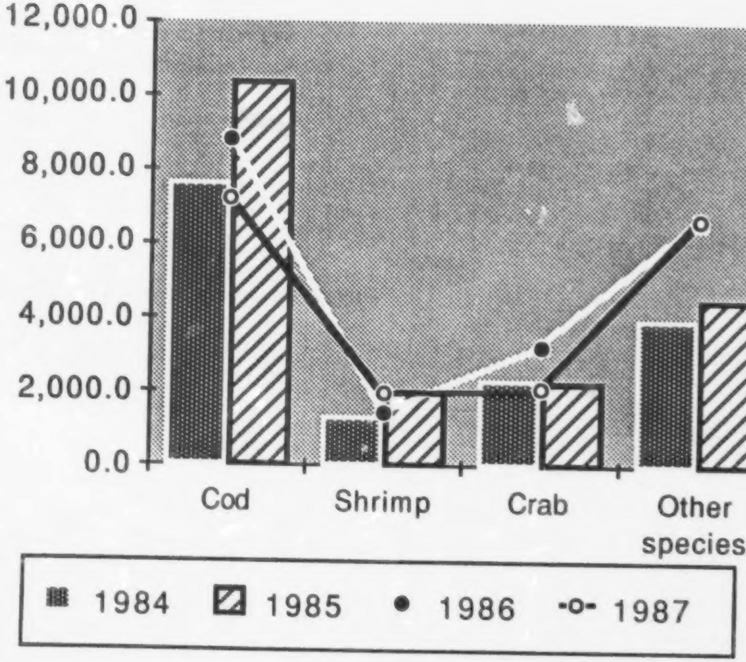


FIGURE 118

Output value for Gaspe,
by principal species
from 1984 to 1987

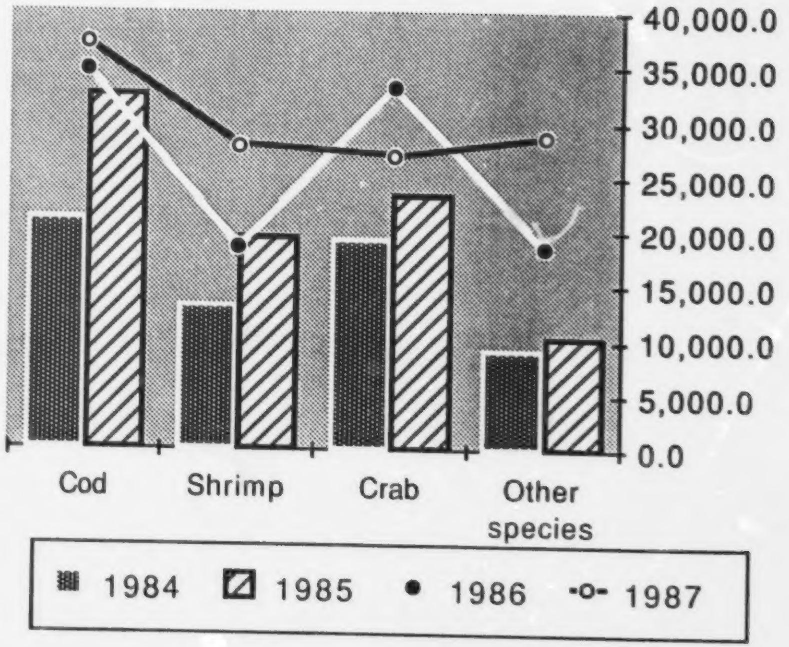


FIGURE 119

Output volume for Gaspe, by species group from 1984 to 1987

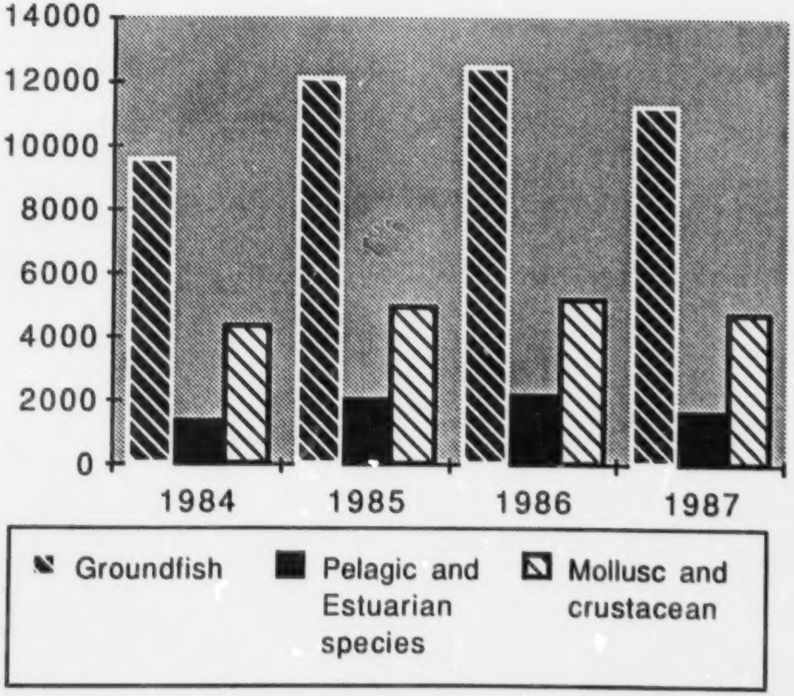


FIGURE 120

Output value for Gaspe, by species group from 1984 to 1987

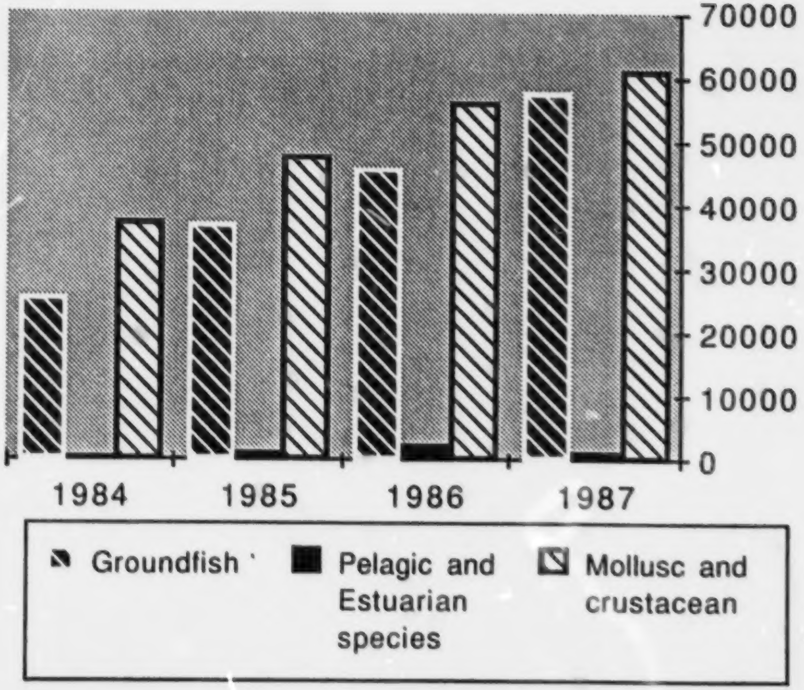


TABLE 74

NORTH SHORE PLANT PRODUCTION, 1984 TO 1987,

BY SPECIES AND PRODUCT TYPE

(Quantity in rounded metric tons, live weight)

(Value in thousands of dollars)

SPECIES	PRODUCT		1984		1985		1986		1987		Var. in %	
			Quantity	Value	Quantity	Value	Quantity	Value	Quantity	Value	Quantity	Value
COD												
	Fresh											
		Dressed	25.6	24.8	1,351.8	692.2	765.4	712.1	981.3	1,187.8	24.9	66.8
		Fillets	-	-	-	-	91.3	327.0	75.6	429.6	-17.2	31.4
		Other	21.0	34.9	19.8	55.4	60.7	30.5	0.5	0.3	-99.2	-99.0
		Total	46.6	59.7	1,371.6	747.6	937.4	1,069.6	1,057.4	1,617.7	12.8	51.2
	Frozen											
		Fillets	310.8	917.4	389.4	1,299.4	368.2	1,455.9	445.2	2,452.7	20.9	68.5
		Fillets in block	136.9	345.3	131.3	447.4	213.3	893.9	114.2	556.9	-46.5	-37.7
		Other	263.5	138.9	1,737.5	2,022.6	163.5	184.3	17.7	18.4	-89.2	-90.0
		Total	711.2	1,401.6	2,258.2	3,769.4	745.0	2,534.1	577.1	3,028.0	-22.5	19.5
	Light salted											
		Other	-	-	0.6	1.7	11.9	26.5	-	-	N/A	N/A
		Green salted	2,816.0	3,435.7	1,664.4	2,480.0	754.4	1,386.1	526.5	1,577.6	-30.2	13.8
		Total	2,816.0	3,435.7	1,665.0	2,481.7	766.3	1,412.6	526.5	1,577.6	-31.3	11.7
	Other products											
		Total	0.1	0.5	-	-	7.2	13.2	-	-	N/A	N/A
TOTAL: COD			3,573.9	4,897.5	5,294.8	6,998.7	2,455.9	5,029.5	2,161.0	6,223.3	-12.0	23.7
REDFISH												
	Fresh											
		Total	2.7	6.2	17.3	33.5	51.7	45.6	25.9	45.0	-49.9	-1.3
	Frozen											
		Total	7.8	19.6	6.0	10.9	15.7	58.4	41.8	157.4	166.2	169.5
TOTAL: REDFISH			10.5	25.8	23.3	44.4	67.4	104.0	67.7	202.4	0.4	94.6

TABLE 74

NORTH SHORE PLANT PRODUCTION, 1984 TO 1987,
BY SPECIES AND PRODUCT TYPE

(Quantity in rounded metric tons, live weight)
(Value in thousands of dollars)

SPECIES	PRODUCT	1984		1985		1986		1987		Var. in %	
		Quantity	Value	Quantity	Value	Quantity	Value	Quantity	Value	Quantity	Value
ATLANTIC HALIBUT											
	Fresh										
	Total	1.5	9.2	0.7	4.2	13.0	62.6	3.0	24.7	-76.9	-60.5
	Frozen										
	Total	2.0	13.3	6.2	32.9	2.1	11.0	5.8	40.0	176.2	263.6
TOTAL: ATLANTIC HALIBUT		3.5	22.5	6.9	37.1	15.1	73.6	8.8	64.7	-41.7	-12.1
AMERICAN PLAICE											
	Fresh										
	Total	1.4	4.4	97.0	109.4	95.6	147.3	59.6	200.5	-37.7	36.1
	Frozen										
	Total	4.4	14.2	5.4	21.0	17.8	99.0	41.8	242.6	134.8	145.1
TOTAL: AMERICAN PLAICE		5.8	18.6	102.4	130.4	113.4	246.3	101.4	443.1	-10.6	79.9
GREENLAND HALIBUT											
	Fresh										
	Total	6.0	17.4	19.2	50.4	203.8	459.4	87.4	473.6	-57.1	3.1
	Frozen										
	Total	30.6	109.0	102.1	332.2	153.6	583.8	531.3	3,171.2	245.9	443.2
	Other products										
	Total	0.1	0.1	0.1	0.8	-	-	-	-	N/A	N/A
TOTAL: GREENLAND HALIBUT		36.7	126.5	121.4	383.4	357.4	1,043.2	618.7	3,644.8	73.1	249.4

TABLE 74

NORTH SHORE PLANT PRODUCTION, 1984 TO 1987,

BY SPECIES AND PRODUCT TYPE

(Quantity in rounded metric tons, live weight)

(Value in thousands of dollars)

SPECIES	PRODUCT		1984		1985		1986		1987		Var. in %	
			Quantity	Value	Quantity	Value	Quantity	Value	Quantity	Value	Quantity	Value
OTHER GROUNDFISH												
	Fresh	Total	-	-	-	-	1.8	1.7	59.2	192.0	N/A	N/A
	Frozen	Total	0.1	0.1	4.5	4.6	8.5	27.2	46.0	197.9	441.2	N/A
	Other products	Total	60.4	18.0	-	-	0.7	1.7	-	-	N/A	N/A
TOTAL: OTHER GROUNDFISH			60.5	18.1	4.5	4.6	11.0	30.6	105.2	389.9	N/A	N/A
GRAND TOTAL: GROUNDFISH			3,690.9	5,109.0	5,553.3	7,598.6	3,020.2	6,527.2	3,062.8	10,968.2	1.4	68.0
HERRING												
	Fresh	Bait	31.4	9.5	-	-	277.6	83.9	804.4	270.4	189.8	222.3
		Other	-	-	18.6	5.8	2.4	3.1	17.8	10.8	N/A	248.4
		Total	31.4	9.5	18.6	5.8	280.0	87.0	822.2	281.2	193.6	223.2
	Frozen	Bait	207.7	64.3	446.1	152.5	162.2	59.4	12.9	3.4	-92.0	-94.3
		Other	590.7	462.3	-	-	-	-	0.8	1.7	N/A	N/A
		Total	798.4	526.6	446.1	152.5	162.2	59.4	13.7	5.1	-91.6	-91.4
	Other products	Total	-	-	0.1	0.5	-	-	0.4	2.0	N/A	N/A
TOTAL: HERRING			829.8	536.1	464.8	158.8	442.2	146.4	836.3	288.3	89.1	96.9

TABLE 74

NORTH SHORE PLANT PRODUCTION, 1984 TO 1987,

BY SPECIES AND PRODUCT TYPE

(Quantity in rounded metric tons, live weight)

(Value in thousands of dollars)

SPECIES	PRODUCT		1984 Quantity	1984 Value	1985 Quantity	1985 Value	1986 Quantity	1986 Value	1987 Quantity	1987 Value	Var. in % Quantity	Var. in % Value
SALMON												
	Fresh											
		Total	0.3	1.9	8.6	80.6	15.3	124.5	34.3	300.2	124.2	141.1
	Other products											
		Total	58.8	422.8	6.4	68.2	1.0	11.8	-	-	N/A	N/A
TOTAL: SALMON			59.1	424.7	15.0	148.8	16.3	136.3	34.3	300.2	110.4	120.2
OTHER PELAGIC AND ESTUARIAN SPECIES												
	Fresh											
		Total	-	-	230.2	71.8	49.3	17.0	10.6	13.1	-78.5	-22.9
	Frozen											
		Total	251.8	98.6	36.2	26.1	129.3	30.3	90.7	100.0	-29.9	230.0
	Other products											
		Total	-	-	-	-	-	-	38.8	41.8	N/A	N/A
TOTAL: OTHER PELAGIC AND ESTUARIAN SPECIES			251.8	98.6	266.4	97.9	178.6	47.3	140.1	154.9	-21.6	227.5
GRAND TOTAL: PELAGIC AND ESTUARIAN SPECIES			1,140.7	1,059.4	746.2	405.5	637.1	330.0	1,010.7	743.4	58.6	125.3
SCALLOPS												
	Fresh											
		Meat	2.8	41.5	7.9	122.7	32.8	502.5	108.1	1,706.6	229.6	239.6
		Total	2.8	41.5	7.9	122.7	32.8	502.5	108.1	1,706.6	229.6	239.6

TABLE 74

NORTH SHORE PLANT PRODUCTION, 1984 TO 1987, BY SPECIES AND PRODUCT TYPE

(Quantity in rounded metric tons, live weight)

(Value in thousands of dollars)

SPECIES	PRODUCT		1984		1985		1986		1987		Var. in %	
			Quantity	Value	Quantity	Value	Quantity	Value	Quantity	Value	Quantity	Value
	Frozen											
		Meat	78.1	1,129.5	28.4	447.0	14.2	242.9	93.7	1,254.3	N/A	416.4
		Total	78.1	1,129.5	28.4	447.0	14.2	242.9	93.7	1,254.3	N/A	416.4
TOTAL: SCALLOPS			80.9	1,171.0	36.3	569.7	47.0	745.4	201.8	2,960.9	329.4	297.2
SHRIMP												
	Fresh											
		Total	-	-	287.3	948.6	171.9	820.1	224.7	2,005.2	30.7	144.5
	Frozen											
		Meat	111.9	1,009.7	150.0	1,462.6	193.8	2,607.6	324.2	5,199.0	67.3	99.4
		Other	210.0	1,087.6	126.1	1,111.9	-	-	257.7	1,580.5	N/A	N/A
		Total	321.9	2,097.3	276.1	2,574.5	193.8	2,607.6	581.9	6,779.5	200.3	160.0
	Other products											
		Total	-	-	0.1	0.1	-	-	-	-	N/A	N/A
TOTAL: SHRIMP			321.9	2,097.3	563.5	3,523.2	365.7	3,427.7	806.6	8,784.7	120.6	156.3
CRAB												
	Fresh											
		Round	1,819.9	1,933.6	1,812.9	1,738.2	1,165.3	2,029.3	1,139.2	3,859.8	-2.2	90.2
		Other	535.6	1,979.0	136.1	778.8	57.6	401.3	10.0	80.2	-82.6	-80.0
		Total	2,355.5	3,912.6	1,949.0	2,517.0	1,222.9	2,430.6	1,149.2	3,940.0	-6.0	62.1

TABLE 74

NORTH SHORE PLANT PRODUCTION, 1984 TO 1987,

BY SPECIES AND PRODUCT TYPE

(Quantity in rounded metric tons, live weight)

(Value in thousands of dollars)

SPECIES	PRODUCT		1984		1985		1986		1987		Var. in %	
			Quantity	Value	Quantity	Value	Quantity	Value	Quantity	Value	Quantity	Value
	Frozen											
		Meat	71.7	688.3	316.8	4,786.1	369.2	6,550.9	248.5	5,495.5	-32.7	-16.1
		Claws and legs	107.7	1,050.9	655.9	3,867.2	537.9	3,936.6	929.4	8,457.1	72.8	114.8
		Other	14.7	113.1	107.2	487.7	3.9	18.1	2.4	7.9	-38.5	-56.4
		Total	194.1	1,852.3	1,079.9	9,141.0	911.0	10,505.6	1,180.3	13,960.5	29.6	32.9
TOTAL: CRAB			2,549.6	5,764.9	3,028.9	11,658.0	2,133.9	12,936.2	2,329.5	17,900.5	9.2	38.4
OTHER MOLLUSC AND CRUSTACEAN												
	Fresh											
		Total	45.6	310.9	124.0	748.4	143.1	1,198.8	330.5	1,091.2	131.0	-9.0
	Frozen											
		Total	123.1	532.9	15.2	112.3	112.8	660.2	199.2	1,026.3	76.6	55.5
	Other products											
		Total	-	-	7.8	66.8	1.7	12.0	5.1	49.7	200.0	314.2
TOTAL: OTHER MOLLUSC AND CRUSTACEAN			168.7	843.8	147.0	927.5	257.6	1,871.0	534.8	2,167.2	107.6	15.8
GRAND TOTAL: MOLLUSC AND CRUSTACEAN			3,121.1	9,877.0	3,775.7	16,678.4	2,804.2	18,980.3	3,872.7	31,813.3	38.1	67.6
OTHER ITEMS												
	Total		-	-	-	-	25.2	33.3	114.3	583.3	353.6	N/A
GRAND TOTAL: NORTH-SHORE			7,952.7	16,045.4	10,075.2	24,682.5	6,486.7	25,870.8	8,060.5	44,108.2	24.3	70.5

FIGURE 121

Output volume for North Shore, by principal species from 1984 to 1987

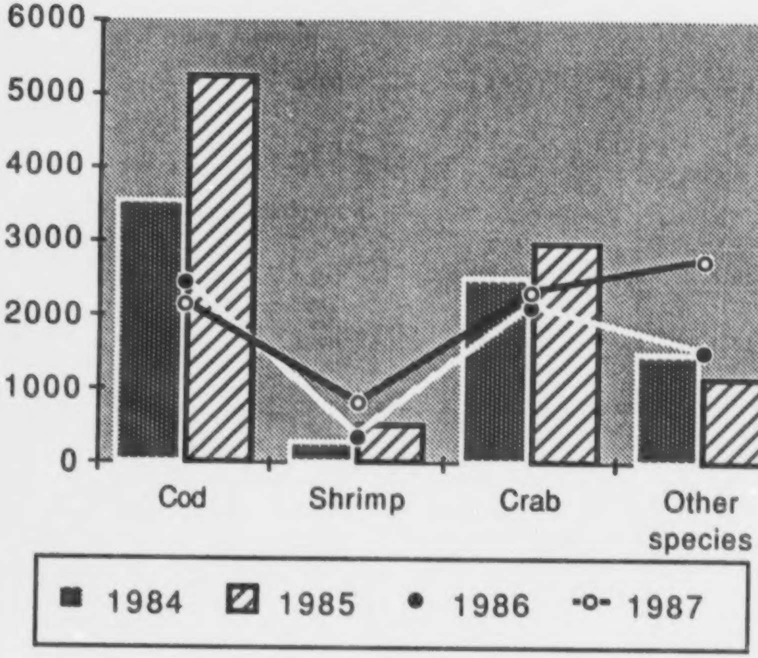


FIGURE 122

Output value for North Shore, by principal species from 1984 to 1987

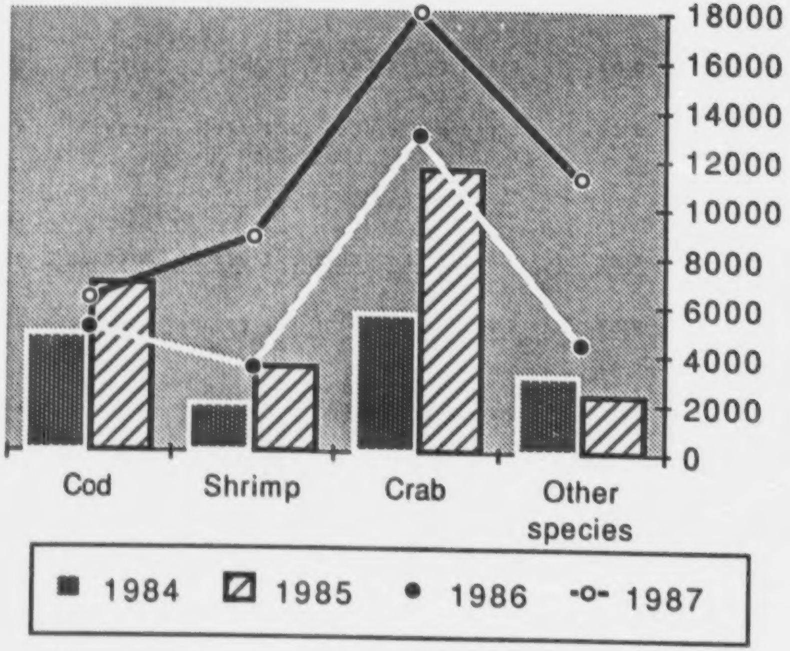


FIGURE 123

Output volume for North Shore, by species group from 1984 to 1987

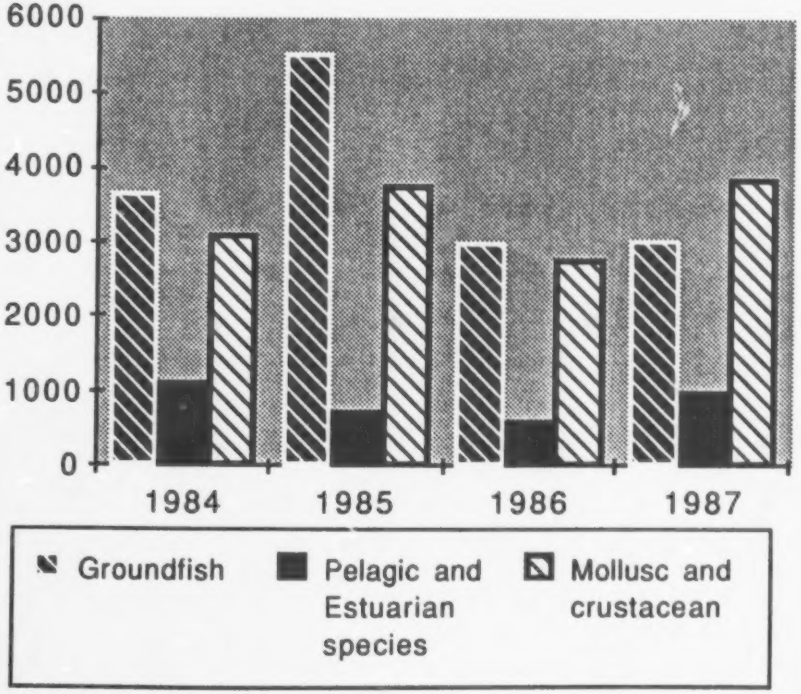


FIGURE 124

Output value for North Shore, by species group from 1984 to 1987

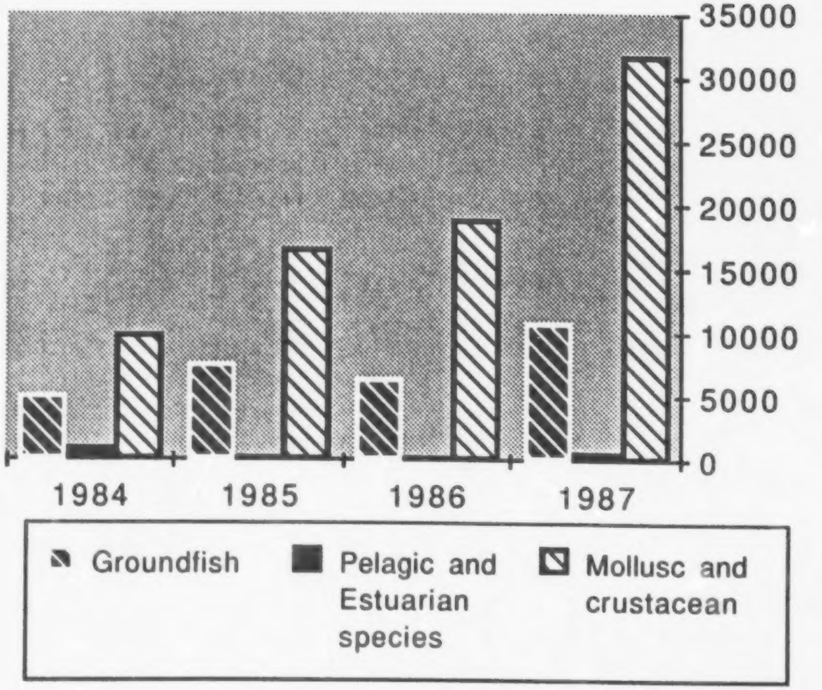


TABLE 75

MAGDALEN ISLANDS PLANT PRODUCTION, 1984 TO 1987,

BY SPECIES AND PRODUCT TYPE

(Quantity in rounded metric tons, live weight)

(Value in thousands of dollars)

SPECIES	PRODUCT		1984		1985		1986		1987		Var. in %	
			Quantity	Value	Quantity	Value	Quantity	Value	Quantity	Value	Quantity	Value
COD												
	Fresh											
		Total	1.6	2.6	1.3	5.4	62.3	210.7	100.0	100.7	60.5	-52.2
	Frozen											
		Fillets	129.0	479.6	100.4	337.5	934.0	3,907.9	52.3	356.1	-94.4	-90.9
		Other	-	-	223.4	624.7	3.2	3.9	805.5	4,148.2	N/A	N/A
		Total	129.0	479.6	323.8	962.2	937.2	3,911.8	857.8	4,504.3	-8.5	15.1
	Other products											
		Total	12.3	21.6	0.4	1.3	-	-	1.1	2.7	N/A	N/A
TOTAL: COD			142.9	503.8	325.5	968.9	999.5	4,122.5	958.9	4,607.7	-4.1	11.8
REDFISH												
	Fresh											
		Fillets skin on	-	-	130.9	516.9	49.4	207.6	43.7	193.8	-11.5	-6.6
		Other	-	-	-	-	-	-	-	-	N/A	N/A
		Total	-	-	130.9	516.9	49.4	207.6	43.7	193.8	-11.5	-6.6
	Frozen											
		Fillets skin on	3,651.8	10,063.4	1,971.7	7,748.8	2,189.2	9,283.2	786.5	3,488.6	-64.1	-62.4
		Other	15.8	40.8	473.8	1,065.7	179.9	598.0	2,939.2	12,332.9	N/A	N/A
		Total	3,667.6	10,104.2	2,445.5	8,814.5	2,369.1	9,881.2	3,725.7	15,821.5	57.3	60.1
	Meal											
		Total	-	-	909.4	436.4	969.3	495.2	1,452.6	711.7	49.9	43.7
	Oil											
		Total	-	-	330.7	102.5	361.1	113.6	559.3	125.5	54.9	10.5
TOTAL: REDFISH			3,667.6	10,104.2	3,816.5	9,870.3	3,748.9	10,697.6	5,781.3	16,852.5	54.2	57.5

TABLE 75

MAGDALEN ISLANDS PLANT PRODUCTION, 1984 TO 1987,

BY SPECIES AND PRODUCT TYPE

(Quantity in rounded metric tons, live weight)

(Value in thousands of dollars)

SPECIES	PRODUCT		1984		1985		1986		1987		Var. in %	
			Quantity	Value	Quantity	Value	Quantity	Value	Quantity	Value	Quantity	Value
AMERICAN PLAICE												
	Fresh											
		Round	-	-	-	-	91.7	114.3	44.9	46.1	-51.0	-59.7
		Fillets	0.5	2.2	-	-	-	-	12.1	80.1	N/A	N/A
		Other	-	-	-	-	15.3	9.9	14.7	5.5	-3.9	-44.4
		Total	0.5	2.2	-	-	107.0	124.2	71.7	131.7	-33.0	6.0
	Frozen											
		Fillets	30.0	132.3	65.0	272.5	103.5	551.1	54.8	316.7	-47.1	-42.5
		Other	-	-	10.6	32.7	21.8	94.6	177.2	854.7	N/A	N/A
		Total	30.0	132.3	75.6	305.2	125.3	645.7	232.0	1,171.4	85.2	81.4
TOTAL: AMERICAN PLAICE			30.5	134.5	75.6	305.2	232.3	769.9	303.7	1,303.1	30.7	69.3
OTHER GROUNDFISH												
	Fresh											
		Total	-	-	4.9	22.1	0.8	2.8	5.3	9.7	N/A	246.4
	Frozen											
		Total	2.6	13.0	14.8	49.3	21.1	81.4	169.8	342.4	N/A	320.6
	Other products											
		Total	1,854.0	740.5	4.2	15.3	314.8	139.3	595.9	353.5	89.3	153.8
TOTAL: OTHER GROUNDFISH			1,856.6	753.5	23.9	86.7	336.7	223.5	771.0	705.6	129.0	215.7
GRAND TOTAL: GROUNDFISH			5,697.6	11,496.0	4,241.5	11,231.1	5,317.4	15,813.5	7,814.9	23,468.9	47.0	48.4

TABLE 75

MAGDALEN ISLANDS PLANT PRODUCTION, 1984 TO 1987, BY SPECIES AND PRODUCT TYPE

(Quantity in rounded metric tons, live weight)
(Value in thousands of dollars)

SPECIES	PRODUCT	1984 Quantity	1984 Value	1985 Quantity	1985 Value	1986 Quantity	1986 Value	1987 Quantity	1987 Value	Var. in % Quantity	Var. in % Value
MACKEREL											
	Fresh										
	Total	-	-	23.7	49.4	52.2	19.4	137.5	50.2	163.4	158.8
	Frozen										
	Total	397.9	157.9	224.7	188.7	342.5	214.8	802.4	567.1	134.3	164.0
	Other products										
	Total	5.8	121.8	801.6	1,675.4	902.5	2,003.1	534.2	1,515.7	-40.8	-24.3
TOTAL: MACKEREL		403.7	279.7	1,050.0	1,913.5	1,297.2	2,237.3	1,474.1	2,133.0	13.6	-4.7
OTHER PELAGIC AND ESTUARIAN SPECIES											
	Fresh										
	Total	-	-	-	-	0.9	0.5	0.9	0.3	0.0	-40.0
	Frozen										
	Total	1.6	0.5	6.7	3.3	-	-	41.3	34.3	N/A	N/A
	Other products										
	Total	-	-	-	-	-	-	19.3	9.2	N/A	N/A
TOTAL: OTHER PELAGIC AND ESTUARIAN SPECIES		1.6	0.5	6.7	3.3	0.9	0.5	61.5	43.8	N/A	N/A
GRAND TOTAL: PELAGIC AND ESTUARIAN SPECIES		405.3	280.2	1,056.7	1,916.8	1,298.1	2,237.8	1,535.6	2,176.8	18.3	-2.7
SCALLOPS											
	Meat	53.8	847.8	48.5	783.8	14.4	244.8	11.0	179.9	-23.6	-26.5
TOTAL: SCALLOPS		53.8	847.8	48.5	783.8	14.4	244.8	11.0	179.9	-23.6	-26.5

TABLE 75

MAGDALEN ISLANDS PLANT PRODUCTION, 1984 TO 1987,

BY SPECIES AND PRODUCT TYPE

(Quantity in rounded metric tons, live weight)
(Value in thousands of dollars)

SPECIES	PRODUCT		1984		1985		1986		1987		Var. in %	
			Quantity	Value	Quantity	Value	Quantity	Value	Quantity	Value	Quantity	Value
LOBSTER												
	Fresh											
		Round	251.5	1,989.8	992.1	7,380.0	1,268.0	9,933.9	1,424.8	12,154.8	12.4	22.4
		Total	251.5	1,989.8	992.1	7,380.0	1,268.0	9,933.9	1,424.8	12,154.8	12.4	22.4
	Frozen											
		Total	251.5	1,989.8	93.7	894.5	92.0	1,001.4	161.8	1,596.5	75.9	59.4
	Other products											
		Total	37.2	939.0	77.3	1,765.7	92.2	1,893.0	59.3	1,322.4	-35.7	-30.1
TOTAL: LOBSTER			540.2	4,918.6	1,163.1	10,040.2	1,452.2	12,828.3	1,645.9	15,073.7	13.3	17.5
CRAB												
	Frozen											
		Total	55.3	548.1	1,535.1	7,555.0	673.3	5,154.9	455.0	3,775.5	-32.4	-26.8
	Other products											
		Total	706.1	2,989.2	-	-	36.3	216.0	-	-	N/A	N/A
TOTAL: CRAB			761.4	3,537.3	1,535.1	7,555.0	709.6	5,370.9	455.0	3,775.5	-35.9	-29.7
OTHER MOLLUSC AND CRUSTACEAN												
	Fresh											
		Total	-	-	-	-	19.3	17.0	-	-	N/A	N/A
	Frozen											
		Total	-	-	-	-	0.7	4.0	6.4	98.2	N/A	N/A

TABLE 75

MAGDALEN ISLANDS PLANT PRODUCTION, 1984 TO 1987,

BY SPECIES AND PRODUCT TYPE

(Quantity in rounded metric tons, live weight)
(Value in thousands of dollars)

SPECIES	PRODUCT	1984		1985		1986		1987		Var. in %	
		Quantity	Value	Quantity	Value	Quantity	Value	Quantity	Value	Quantity	Value
	Other products Total	-	-	-	-	-	-	-	-	N/A	N/A
TOTAL: OTHER MOLLUSC AND CRUSTACEAN		-	-	-	-	20.0	21.0	6.4	98.2	-68.0	367.6
GRAND TOTAL: MOLLUSC AND CRUSTACEAN		1,355.4	9,303.7	2,746.7	18,379.0	2,196.2	18,465.0	2,118.3	19,127.3	-3.5	3.6
OTHER ITEMS	Total	-	-	-	-	-	-	-	-	N/A	N/A
GRAND TOTAL: MAGDALEN ISLANDS		7,458.3	21,079.9	8,044.9	31,526.9	8,811.7	36,516.3	11,468.8	44,773.0	30.2	22.6

FIGURE 125

Output volume for Magdalen Islands, by principal species from 1984 to 1987

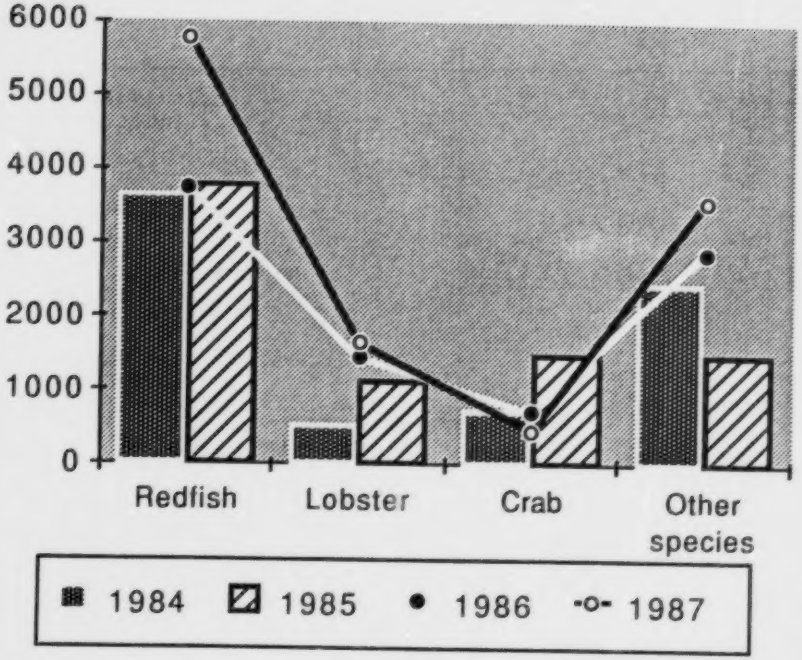


FIGURE 126

Output value for Magdalen Islands, by principal species from 1984 to 1987

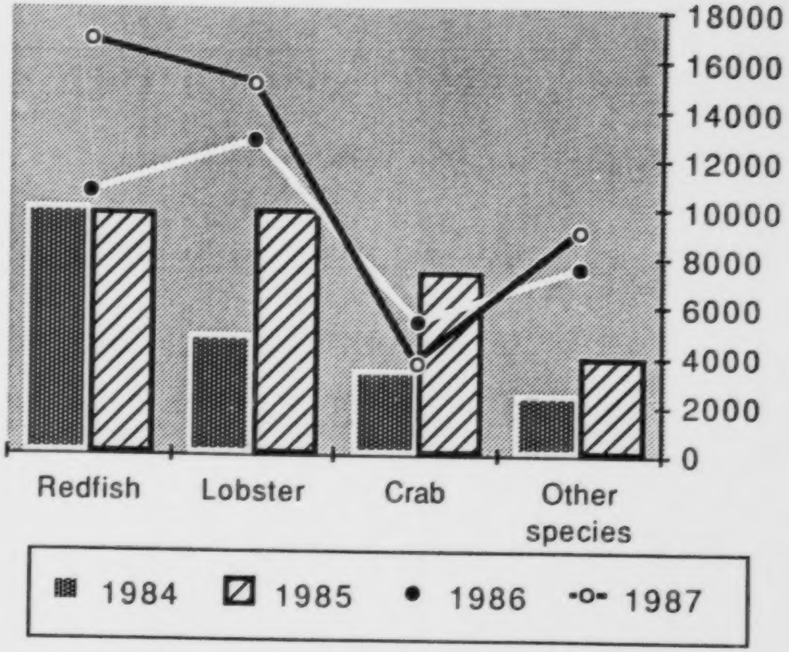


FIGURE 127

Output volume for Magdalen Islands, by species group from 1984 to 1987

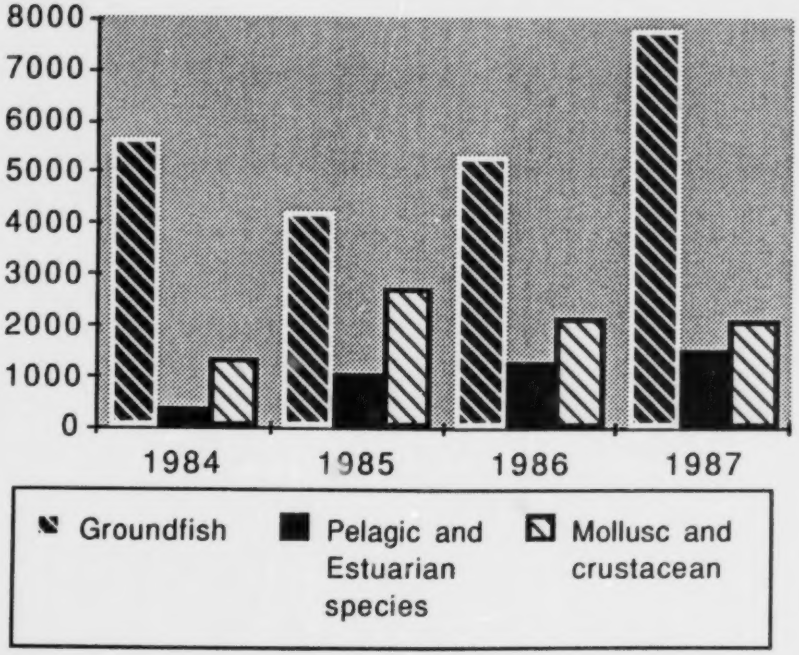
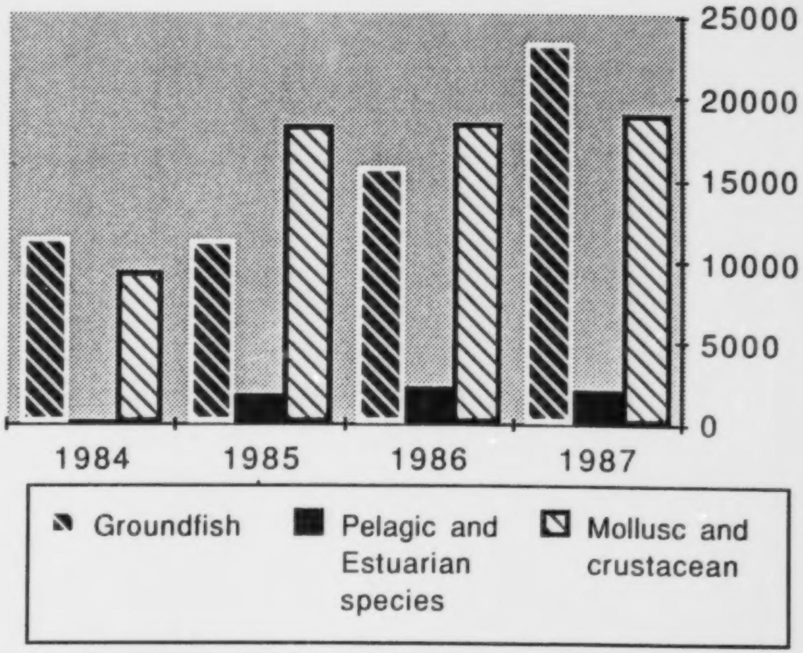


FIGURE 128

Output value for Magdalen Islands, by species group from 1984 to 1987



APPENDICES

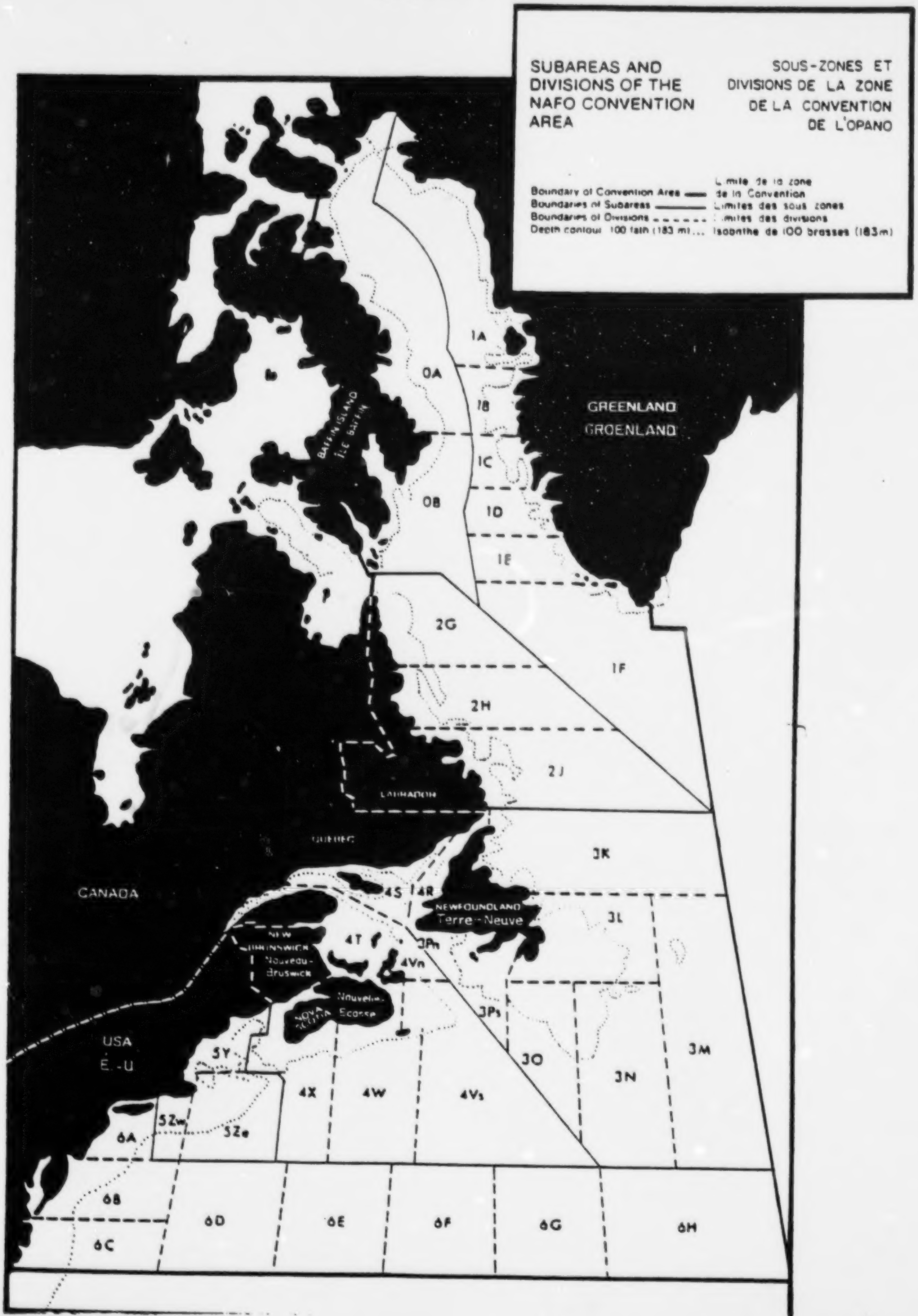
APPENDIX 1

Boundaries of Quebec maritime statistical districts

District	Geographic point	Point of landing
1	Anse à Gilles to Pointe Rouge	Anse à Gilles to Saint Roch des Aulnaies
2	Pointe Rouge to Notre Dame du Portage	Sainte Anne de la Pocatière to Saint André
3	Notre Dame du Portage to Sainte Luce	Notre Dame du Portage to Cap à l'Orignal
4	Sainte Flavie to eastern boundary of Matane County	Sainte Flavie to Petits Méchins
5	Cap Chat to Duchesnay	Fonderie to Ruisseau Castor
6	Duchesnay to Saint Hélier	Ruisseau à Rebours to Anse à Thibault
7	Saint Hélier to Petite Rivière au Renard	Ruisseau à l'Ail to Petit Cap
8	Petite Rivière au Renard to Cap des Rosiers	Petite Rivière au Renard to Cap des Rosiers
9	Cap Gaspé to Pointe Saint Pierre	Cap Gaspé to Pointe Navarre
10	Pointe Saint Pierre to Brèche à Manon	Malbay to Weygand
11	Brèche à Manon to Pointe Maquereau	Brèche à Manon to Newport
12	Pointe Maquereau to New Carlisle	Pointe Maquereau to Cullens Brooks
13	New Carlisle to Rivière Grande Cascapédia	New Carlisle to Saint Siméon Ouest
14	Rivière Grande Cascapédia to Pointe Miguasha	Maria to Pointe Bourg
15	Pointe Miguasha to Restigouche River	Miguasha to Matapédia
16	Cap Tourmente to Saguenay River	Petite Rivière Saint François to Cap Brûlé
17	Saguenay River to Bersimis	Tadoussac to Anse à Bouleau
18	Bersimis to Rivière Sainte Marguerite	Bersimis to Iles de May
19	Rivière Sainte Marguerite to Rivière Pigou	Sept Iles to Maliotenam
20	Rivière Pigou to Havre Saint Pierre	Rivière aux Graines to Rivière Pigou
21	Havre Saint Pierre to Rivière Kégaska	Havre Saint Pierre to Pointe Parent
22	Rivière Kégaska to Baie des Moutons	Rivière Kégaska to Chevery
23	Baie des Moutons to Bonne Espérance	Baie des Moutons to Rivière Saint Paul
24	Bonne Espérance to Blanc Sablon	Bonne Espérance to Iles Demoiselles
25	Anticosti Island	Anticosti
26	Magdalen Islands, northern division	Havre aux Maisons to Lapointe
27	Ile du Havre Aubert to Ile d'Entrée	Havre Aubert to Ile d'Entrée
28	Ile de Cap aux Meules	Cap aux Meules to Cap Vert

NB: The geographic points that mark the boundaries of the statistical districts are shown here with the correspon points of landing. There are thus two types of boundaries for each district.

APPENDIX 2


SUBAREAS AND DIVISIONS OF THE NAFO CONVENTION AREA
SOUS-ZONES ET DIVISIONS DE LA ZONE DE LA CONVENTION DE L'OPANO
Boundary of Convention Area — Limite de la zone de la Convention
Boundaries of Subareas — Limites des sous zones
Boundaries of Divisions - - - Limites des divisions
Depth contour 100 fath (183 m) ... Isobathe de 100 brasses (183m)
GREENLAND
GROENLAND
BAFFIN ISLAND
ÎLE BAFFIN
0A
0B
1A
1B
1C
1D
1E
1F
2G
2H
2J
LABRADOR
QUEBEC
CANADA
3K
3L
3M
3N
3O
3Pn
3Ps
4R
4S
4T
4Vn
4Vs
4W
4X
NEWFOUNDLAND
Terre-Neuve
NEW BRUNSWICK
Nouveau-Brunswick
NOVA SCOTIA
Nouvelle-Écosse
USA
É.-U.
5Y
5Zw
5Ze
6A
6B
6C
6D
6E
6F
6G
6H

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